



SDCI
2018

SAN DIEGO CARDIOVASCULAR INTERVENTIONS

Robotics and CHIP

July 20-21, 2018

San Diego, California

www.sdinterventions.com



PROGRAM DIRECTOR

Ehtisham Mahmud, MD, FACC, FSCAI
Professor and Division Chief, Cardiovascular Medicine
Director, Sulpizio Cardiovascular Center
University of California, San Diego
La Jolla, California

ESTANCIA LA JOLLA HOTEL



Sponsored By:

UC San Diego
SCHOOL OF MEDICINE

Endorsed By:

UC San Diego
SULPIZIO CARDIOVASCULAR CENTER

Co-Provided By:



FACULTY

PROGRAM DIRECTOR

Ehtisham Mahmud, MD, FACC, FSCAI

Professor and Division Chief,
Cardiovascular Medicine
Director, Sulpizio Cardiovascular Center
University of California, San Diego
La Jolla, California



UC SAN DIEGO FACULTY

Belal Al Khiami, MD

Structural and Endovascular Fellow
Interventional Cardiology

Lawrence Ang, MD

Assistant Professor of Medicine
Interventional Cardiology

Jonathan Hsu, MD, MAS

Associate Professor of Medicine
Electrophysiology

Mitul Patel, MD, FACC, FSCAI

Associate Professor of Medicine
Interventional Cardiology

William Penny, MD, FSCAI

Professor of Medicine
Director, Catheterization Laboratory VA

Ajit Raisinghani, MD, FACC

Professor of Medicine
Director, Noninvasive Imaging Laboratory

Ryan Reeves, MD

Assistant Professor of Medicine
Interventional Cardiology



GUEST FACULTY

Ori Ben-Yehuda, MD, FACC

Executive Director, Clinical Trials Center
Cardiovascular Research Foundation
Professor of Clinical Medicine
Columbia University
New York, New York

George Dangas, MD, PhD, FSCAI, FACC

Professor of Cardiology & Vascular Surgery
Director, Cardiovascular Innovation
The Mount Sinai Hospital
Icahn School of Medicine at Mount Sinai Hospital
New York, New York

Howaida El-Said, MD, PhD

Director of Cardiac Catheterization Laboratory
Clinical Professor of Medicine
Rady Children's Specialists of San Diego
UC San Diego Health System
San Diego, California

Timothy D. Henry, MD, MSCAI, FACC

Professor of Medicine
Director, Division of Cardiology
Cedars-Sinai Medical Center
Los Angeles, California

Rajiv Jauhar, MD, FSCAI

Chief of Cardiology
North Shore University Hospital at Manhasset
Manhasset, New York

Morton J. Kern MD, FACC, MSCAI

Professor of Medicine
University of California, Irvine
Chief of Medicine
VA Long Beach Health Care System

Roxana Mehran, MD, FACC, FESC, MSCAI, FACP, FCCP, FAHA

Professor of Medicine (Cardiology)
and Health Evidence and Policy
Director of Interventional Cardiovascular
Research and Clinical Trials Unit
Icahn School of Medicine at Mount Sinai
New York, New York

Giora Weisz, MD

Director, Interventional Cardiology
Montefiore – Einstein Medical Center
Bronx, New York

SYMPOSIUM OVERVIEW

Over the course of two days, The San Diego Cardiovascular Interventions Symposium, will focus on disseminating the knowledge and evidence-based data regarding novel and innovative therapeutic options for patients with high-risk and complex coronary, structural and peripheral vascular disease. The symposium will focus on the use of robotic PCI, atherectomy, use of intravascular imaging and physiology for optimal cardiovascular revascularization. New coronary CTO techniques and tools, indications for the use of adjunctive hemodynamic support during high-risk PCI, outcomes of TAVR, Percutaneous Mitral Valve Repair, PFO/ASD closure and left atrial appendage closure will be presented. Appropriate pharmacotherapy for cardiac interventions will be reviewed. Participants will observe live cases and hear from international experts.

TARGET AUDIENCE

The San Diego Cardiovascular Interventions Symposium has been designed to meet the needs of Interventional Cardiologists, Clinical Cardiologists, Internists, Residents and Fellows in Training.

OBJECTIVES

Upon completion of this course, participants should be able to:

- Identify new techniques and technologies for CTO, bifurcation and left main PCI
- Identify the role of various lesion modifications/atherectomy techniques prior to coronary stenting
- Identify the utility of adjunctive hemodynamic support to facilitate complete coronary revascularization and high-risk PCI
- Identify the advantages and utility of robotic PCI
- Review the data and indications for percutaneous VADs in severe decompensated CHF and cardiogenic shock
- Review the contemporary data and indications for TAVR
- Identify the role of left atrial appendage closure and percutaneous mitral valve repair
- Identify optimal oral and intravenous antiplatelet therapy for PCI
- Review optimal utilization of FFR, IVUS, and OCT in reducing inappropriate PCI
- Identify appropriate patients and approaches for peripheral vascular interventions

CONTINUING MEDICAL EDUCATION

The University of California, San Diego School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of California, San Diego School of Medicine designates this live activity for a maximum of **13.50 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

INSTRUCTIONS TO RECEIVE CREDIT

To receive credit, participants must attend credit-designated sessions, and must submit a completed evaluation and application for credit at the conclusion of the symposium.

DISCLOSURE OF CONFLICTS OF INTEREST

It is the policy of the University of California, San Diego School of Medicine to ensure balance, independence, objectivity and scientific rigor. All persons involved in the selection, development and presentation of content are required to disclose any real or apparent conflicts of interest. All conflicts of interest will be resolved prior to an educational activity being delivered to learners through one of the following mechanisms 1) altering the financial relationship

with the commercial interest, 2) altering the individual's control over CME content about the products or services of the commercial interest, and/or 3) validating the activity content through independent peer review. All persons are also required to disclose any discussions of off label/unapproved uses of drugs or devices. Persons who refuse or fail to disclose will be disqualified from participating in the CME activity.

CULTURAL AND LINGUISTIC COMPETENCY

This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. Cultural competency is defined as a set of integrated attitudes, knowledge, and skills that enables health care professionals or organizations to care effectively for patients from diverse cultures, groups, and communities. Linguistic competency is defined as the ability of a physician or surgeon to provide patients who do not speak English or who have limited ability to speak English, direct communication in the patient's primary language. Cultural and linguistic competency was incorporated into the planning of this activity. Additional resources can be found on the UC San Diego CME website.

FRIDAY, JULY 20, 2018

7:15 am **BREAKFAST AND REGISTRATION**
Pacifica Ballroom

8:00 am **Welcome and Introduction**
Ehtisham Mahmud, MD

COMPLEX AND HIGH-RISK INTERVENTIONAL PROCEDURES I

Moderator: *Ori Ben-Yehuda, MD*

8:05 am **Left Main and Bifurcation PCI: Optimal Technique and Outcomes**
Ehtisham Mahmud, MD

8:20 am **Chronic Total Occlusion Revascularization: Update on the Hybrid Approach**
Mitul Patel, MD

8:35 am **Calcified Coronary Lesions: Role of Atherectomy**
George Dangas, MD, PhD

8:50 am **Complex PCI: Tools of the Trade**
Giora Weisz, MD

9:05 am **Q&A / Discussion**

9:15 am

LIVE CASE #1: Complex PCI

Broadcast Live from Sulpizio Cardiovascular Center at UC San Diego, La Jolla, CA

Operators: *Lawrence Ang, MD; Ehtisham Mahmud, MD*

LIVE CASE #2: Complex PCI

Broadcast Live from Sulpizio Cardiovascular Center at UC San Diego, La Jolla, CA

Operators: *Belal Al Khiami, MD; Mitul Patel, MD*

Panelists: *Ori Ben-Yehuda, MD; George Dangas, MD, PhD; Rajiv Jauhar, MD; William Penny, MD; Giora Weisz, MD*

10:45 am **BREAK / VISIT EXHIBITS**

COMPLEX AND HIGH-RISK INTERVENTIONAL PROCEDURES II

Moderator: *William Penny, MD*

11:00 am **KEYNOTE LECTURE #1: The Evolution of Interventional Cardiology over 40 Years: The Future is Bright!**
Roxana Mehran, MD

11:30 am **Hemodynamic Support for High-Risk PCI**
Rajiv Jauhar, MD

11:45 am **In-Stent Restenosis: Brachytherapy and Laser Atherectomy**
George Dangas, MD, PhD

12:00 pm **LUNCH / VISIT EXHIBITS**

INTERVENTIONAL ROBOTICS

Moderator: *Giora Weisz, MD*

1:00 pm **Robotic PCI: Lessons from PRECISE and PRECISION**
Giora Weisz, MD

1:15 pm **Robotics: Complex Coronary and Peripheral Interventions**
Ehtisham Mahmud, MD

1:30 pm **Robotic PCI: Perspectives of a Nonrobotic Operator**
Timothy D. Henry, MD

1:45 pm **Q&A / Discussion**

2:00 pm

LIVE CASE #3: Robotically Assisted PCI

Broadcast Live from Sulpizio Cardiovascular Center at UC San Diego, La Jolla, CA

Operators: *Lawrence Ang, MD; Ehtisham Mahmud, MD*

LIVE CASE #4: Left Atrial Appendage Closure

Broadcast Live from Sulpizio Cardiovascular Center at UC San Diego, La Jolla, CA

Operators: *Jonathan Hsu, MD; Ajit Raisinghani, MD; Ryan Reeves, MD*

Panelists: *Timothy D. Henry, MD; Morton J. Kern, MD; Roxana Mehran, MD; Mitul Patel, MD; Giora Weisz, MD*

3:30 pm **BREAK / VISIT EXHIBITS**

IMAGING, PHYSIOLOGY AND COMPLICATIONS

Moderator: *Morton J. Kern, MD*

3:45 pm **Assessment of Intermediate Coronary Lesions: FFR, iFR or CT-FFR**
Morton J. Kern, MD

4:00 pm **Optimizing PCI Outcomes With 2nd Generation DES: Role of IVUS and OCT**
Ryan Reeves, MD

4:15 pm **How to Minimize the Risk of Acute Kidney Injury During PCI**
Roxana Mehran, MD

4:30 pm **Access Site Complications: Avoid by Using Radial Approach or Ultrasound Guided Femoral Access**
Rajiv Jauhar, MD

4:45 pm **Complications of High-Risk PCI: Management Approaches**
William Penny, MD

5:00 pm **Q&A / Discussion**

5:15 pm **Concluding Remarks**
Ehtisham Mahmud, MD

SATURDAY, JULY 21, 2018

7:15 am BREAKFAST AND REGISTRATION
Pacifica Ballroom

7:55 am Welcome and Introduction
Ehtisham Mahmud, MD

STRUCTURAL HEART INTERVENTIONS I: CASE-BASED MANAGEMENT

Moderator: *Ehtisham Mahmud, MD*

8:00 am TAVR: Balloon-Expandable Valves
Rajiv Jauhar, MD

8:15 am TAVR: Self-Expandable Valves
Ori Ben-Yehuda, MD

**8:30 am Cerebral Protection for TAVR:
An Imperative?**
Giora Weisz, MD

8:45 am Q&A / Discussion

**9:00 am Percutaneous Mitral Valve Repair:
1 or 2 Clips**
Ryan Reeves, MD

**9:15 am Percutaneous Repair
of the Tricuspid Valve**
Giora Weisz, MD

**9:30 am Balloon Pulmonary
Angioplasty for CTEPH**
Ehtisham Mahmud, MD

9:45 am Q&A / Discussion

10:00 am BREAK / VISIT EXHIBITS

STRUCTURAL HEART INTERVENTIONS II: CASE-BASED MANAGEMENT

Moderator: *Ryan Reeves, MD*

**10:15 am KEYNOTE LECTURE #2:
Acute STEMI PCI: Culprit Lesion
or Complete Revascularization?**
Timothy D. Henry, MD

**10:45 am PFO Closure:
Optimal Selection and Technique**
Ehtisham Mahmud, MD

11:00 am Atrial Septal Defect: Complex Closure
Ryan Reeves, MD

**11:15 am Left Atrial Appendage Closure:
Exclusion or Occlusion**
Jonathan Hsu, MD

**11:30 am Percutaneous Pulmonic
Valve Replacement**
Howaida El-Said, MD, PhD

11:45 am Q&A / Discussion

12:00 pm LUNCH / VISIT EXHIBITS

INTERVENTIONAL PHARMACOTHERAPY: CASE-BASED MANAGEMENT

Moderator: *Mitul Patel, MD*

1:00 pm Direct Thrombin Inhibitors Save Lives
Ryan Reeves, MD

1:15 pm Intravenous ADP Antagonist for PCI
Mitul Patel, MD

**1:30 pm Role of GP IIb/IIIa Inhibitors
in Contemporary PCI**
Lawrence Ang, MD

1:45 pm Q&A / Discussion

**2:00 pm Duration of Oral Antiplatelet
Therapy After Complex PCI**
Timothy D. Henry, MD

**2:15 pm Antiplatelet Therapy or
Anticoagulation after TAVR**
Ori Ben-Yehuda, MD

**2:30 pm DOACs in the Management
of ACS and Atrial Fibrillation**
Jonathan Hsu, MD

2:45 pm Q&A / Discussion

3:00 pm Concluding Remarks
Ehtisham Mahmud, MD



REGISTRATION INFORMATION

Early Discount Registration Rates Prior to July 6, 2018 SAVE UP TO \$75.00!

FULL REGISTRATION RATES

The full registration fee for this CME activity is \$275.00 for physicians. A reduced registration fee of \$125.00 is offered for Nurses, Physicians Assistants and Technicians. The registration fee for Industry Personnel is \$200.00, the registration fee for UCSD affiliates is waived. Your full registration fee includes attendance at the Friday and Saturday Sessions, course materials, continental breakfasts, refreshment breaks and lunches.

CANCELLATION / REFUND POLICY

A full refund will be given provided that written notification of your intent to cancel is received by July 1, 2018. A processing fee of \$50 will be charged for all cancellations received after this date. Fees will not be refunded for no-shows.

SYMPOSIUM LOCATION

Estancia La Jolla Hotel

9700 N. Torrey Pines Road
La Jolla, CA 92037

Tel: 855-203-0807

www.estancialajolla.com

HOTEL ACCOMMODATIONS

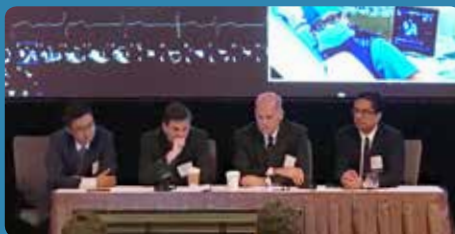
\$249.00 / night

A block of rooms has been reserved for attendees at the Estancia La Jolla Hotel in La Jolla, California at a reduced rate of \$249.00 single or double occupancy per night plus tax. Reservations will be subject to space and rate availability and must be confirmed by Monday, June 18, 2018.

NOTE: This special reduced rate will be honored for up to 3 days prior to the SDCI Symposium and 3 days after, based on availability.

You may also book your room reservations directly online by visiting our website:

www.sdinterventions.com



SDCI FELLOWS COURSE JULY 20-21, 2018

OVERVIEW

The SDCI Fellows Course will begin on Thursday evening, July 19th, with a Rotablator Certification Training Course and Dinner, sponsored by Boston Scientific Corporation. Fellows will then participate in the SDCI General Sessions on July 20th and 21st, 2018. Space is limited and applications will be accepted on a first-come, first-served basis for qualified candidates.

SCHOLARSHIP INCLUDES:

- Round-Trip Airfare or Mileage Reimbursement*
- Hotel Accommodations (2 Nights) July 19 and 20, 2018 at the Estancia La Jolla Hotel
- Reimbursement of approved out-of-pocket expenses
- Complimentary Registration for the 2018 SDCI Symposium (Attendance at SDCI General Sessions is required)

**No International air travel.
Please refer to scholarship guidelines for conditions.*

Fellows registration fees are WAIVED!

To Register Visit

WWW.SDINTERVENTIONS.COM



REGISTRATION

Early Discount Registration Rates! Register Prior to July 6, 2018

SDCI Registration Fees:

Prior to
7/6/18

After
7/6/18

<input type="checkbox"/> Physician	\$200	\$275
<input type="checkbox"/> Fellow (Registration Fees Waived)	Waived	Waived
<input type="checkbox"/> Nurse / PA / Technician	\$75	\$125
<input type="checkbox"/> UCSD Affiliate	Waived	Waived
<input type="checkbox"/> Industry Representative	\$125	\$200

To register for the 2018 San Diego
Cardiovascular Interventions complete this form
and return to Gaffney Events or register online:

www.sdinterventions.com

Gaffney Events

27322 NE 143rd Place
Duvall, WA 98019
PH: 425.844.9019
FAX: 425.788.0668



First Name: _____ Last Name: _____

Credentials: MD DO PhD RN Other: _____

NPI #: _____

Institution: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____

(Must supply email to receive confirmation)

Office Phone: _____ Mobile Phone: _____

TYPE OF PRACTICE

Cardiovascular Disease Other: _____

METHOD OF PAYMENT

Check *(Please make checks payable to Gaffney Events Educational Trust)*

Visa MasterCard American Express Discover

Name as it appears on credit card: _____

Credit Card Number: _____ Exp. Date: _____ CVC: _____

Signature: _____ Amount: \$ _____



SAN DIEGO CARDIOVASCULAR INTERVENTIONS

Robotics and CHIP

July 20-21, 2018

FOR MORE INFORMATION OR TO REGISTER VISIT:
www.sdinterventions.com



gaffneyevents
15321 Main Street NE
P.O. Box 219
Duvall, WA 98019

PRESORTED
FIRST CLASS MAIL
U.S. POSTAGE
PAID
PERMIT NO. 315
SEATTLE, WA

SPONSORED BY:

UC San Diego
SCHOOL OF MEDICINE

ENDORSED BY:

UC San Diego
SULPIZIO CARDIOVASCULAR CENTER

CO-PROVIDED BY:

