



UC Irvine Health

2017 Cath Lab Essentials Continuing Medical Education Conference

DoubleTree by Hilton Anaheim - Orange County
Saturday, Jan. 21, 2017 | 7:30 a.m.-3 p.m.

Presented by the Division of Cardiology, Department of Medicine,
UC Irvine School of Medicine

COURSE DESCRIPTION

The UC Irvine Health Cath Lab Essentials Program is designed to expand upon and fill knowledge gaps brought to the attention of the cath lab faculty by the nurses and staff working in the cath lab. Cath lab nurses and staff require periodic updates on procedure techniques, basic hemodynamics, cardiovascular pathophysiology, angiography and novel interventional procedures in this dynamic and changing field. The Society of Invasive Cardiac Professionals recommends periodic updates on current and new cath lab techniques and equipment.

LEARNING OBJECTIVES

At the conclusion of this activity, the participant should be able to:

- Obtain a basic understanding of hemodynamics in the cardiac cath lab and identify pressure measurement, artifacts and the application of pressure waveforms for the diagnosis of valvular abnormalities
- Review the indications and contraindications for cardiac catheterization, identify complications and their management and understand the use of transfemoral and transradial catheterization techniques
- Identify new methods for interventional cardiology procedures, the use of hemodynamic support devices, coronary stents, fractional flow reserve (FFR), intravascular ultrasound (IVUS) and optical coherence tomography (OCT)

AGENDA

- 7:30–7:55 a.m. Registration with breakfast/meet and greet faculty
- 7:55–8 a.m. Welcome remarks
Morton J. Kern, MD, and Pranav M. Patel, MD
- 8–8:30 a.m. Coronary Angiography Testing: From Arterial Access to Anatomy
Morton J. Kern, MD
- 8:30–9 a.m. Patient Safety: Understanding the Importance of Vascular Access and Procedure Complications
Arnold Seto, MD, MPH
- 9–9:30 a.m. Cardiac Tamponade in the Cath Lab: Diagnosis and Management
Pranav M. Patel, MD
- 9:30–10 a.m. Essentials and Pearls of the ECG in STEMI
Teferi Mitiku, MD
- 10–10:15 a.m. **BREAK**
- 10:15–10:30 a.m. Intravascular Imaging: IVUS Is Preferred to OCT
Ailin Barseghian El-Farra, MD
- 10:30–10:45 a.m. Intravascular Imaging: OCT Is Preferred Over IVUS
Pranav M. Patel, MD
- 10:45–11:15 a.m. Forget IVUS and OCT; Everyone Should Be Using FFR
Morton J. Kern, MD
- 11:15–11:45 a.m. Leadless Pacemakers and Other New Technology in EP
Rajesh Banker, MD
- 11:45 a.m.–12:30 p.m. **LUNCH**
- 12:30–1 p.m. Basic Hemodynamics for the Cath Lab and ICU
Ailin Barseghian El-Farra, MD
- 1–1:40 p.m. Advanced Hemodynamics: Case-Based Review
Ihab Alomari, MD, and Arnold Seto, MD, MPH
- 1:40–2:10 p.m. Advanced Heart Failure: IABP and LV Assist Devices
Michael Gibson, MD
- 2:10–2:40 p.m. Essentials of TAVR
Ihab Alomari, MD
- 2:40–3 p.m. Case Review and Complications: Presentations from Cath Lab Staff and Physicians
Morton J. Kern, MD, and Pranav M. Patel, MD
- 3 p.m. **ADJOURN**

UC IRVINE SCHOOL OF MEDICINE PROGRAM FACULTY

COURSE CHAIRS



Morton J. Kern, MD

*Chief, Department of Medicine, VA Long Beach
Professor and Associate Chief, Division of Cardiology,
Department of Medicine*



Pranav M. Patel, MD

*Chief, Division of Cardiology, Department of Medicine
Director, Cardiac Catheterization Laboratory, UC Irvine Health
Associate Professor, Medicine & Biomedical Engineering*

FACULTY



Ihab Alomari, MD

*Interventional Cardiologist, UC Irvine Health
Assistant Professor, Division of Cardiology, Department of Medicine*



Rajesh Banker, MD

*Director, Advanced Catheter Ablation, UC Irvine Health
Assistant Professor, Division of Cardiology, Department of Medicine*



Ailin Barseghian El-Farra, MD

*Interventional Cardiologist, UC Irvine Health
Assistant Professor, Division of Cardiology, Department of Medicine*



Michael Gibson, MD

*Cardiologist, UC Irvine Health
Assistant Professor, Division of Cardiology, Department of Medicine*



Teferi Mitiku, MD

*Director, Electrophysiology, UC Irvine Health
Assistant Professor, Division of Cardiology, Department of Medicine*



Arnold Seto, MD, MPH

*Chief, Cardiology, VA Long Beach
Interventional Cardiologist, VA Long Beach & UC Irvine Health
Assistant Professor, Division of Cardiology, Department of Medicine*

ACCREDITATION AND DISCLOSURE

Target audience. Catheterization lab nurses and technicians, cardiovascular nurses, students, fellows in training and local community hospital physicians.

Accreditation statement. The University of California, Irvine School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation statement. The University of California, Irvine School of Medicine designates this live activity for a maximum of 6 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.


The American Society of Radiologic Technologists (ASRT) designation. ASRT has approved this live activity for a maximum of 7 Category A Credits. Participants must complete the entire activity as designed and approved to earn the credit.

Disclosure statement. It is the policy of the University of California, Irvine School of Medicine and the University of California Continuing Medical Education Consortium to ensure balance, independence, objectivity and scientific rigor in all continuing medical education activities. Full disclosure of conflict resolution will be made in writing via handout materials or syllabus.

California Assembly Bill 1195 statement. 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. For specific information regarding Bill 1195 and definitions of cultural and linguistic competency, please visit the CME website at www.cme.uci.edu

LOCATION



 **DoubleTree by Hilton
Anaheim - Orange County**
100 The City Drive South
Orange, CA 92868

COURSE FEES (breakfast included)

UC Irvine Health employees: **\$65**

Non-UC Irvine Health employees: **\$85**

Students/trainees: **\$45**

Course fees will increase **\$15** after Jan. 12, 2017.

Day-of registration is **\$100**.

REGISTER TODAY!

To register, visit medicine.uci.edu/cathlab-cme



UC Irvine Health

ucirvinehealth.org/heart

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