



UCI Health

2019 Cath Lab Essentials CME Conference

Fashion Island Hotel Newport Beach

690 Newport Center Dr., Newport Beach, CA 92660

Jan. 26, 2019 | 7:30 a.m.–3 p.m.

*Presented by the Division of Cardiology,
Department of Medicine, UCI School of Medicine*

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Course Description

The UCI Health Cath Lab Essentials Program is designed to improve the knowledge base of nurses and staff members who work in cardiac catheterization labs.

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 also 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:

- Describe the hemodynamics in the cardiac cath lab, identify pressure measurement, artifacts and the application of pressure waveforms to the diagnosis of valvular abnormalities
- List indications and contraindications for cardiac catheterization, identify complications and their management, and explain 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)

Program Faculty

Course Chairs



Morton J. Kern, MD

Professor, Division of Cardiology, Department of Medicine, UCI Health
Chair, Department of Medicine, VA Long Beach Healthcare System



Pranav Patel, MD

Professor of Medicine and Biomedical Engineering
Chief, Division of Cardiology, Department of Medicine, UCI Health
Director Catheterization Laboratory, UCI Health
Vice President, California American College of Cardiology

UCI School of Medicine Faculty

Ihab Alomari, MD

Assistant Professor, Division of Cardiology, Department of Medicine
Interventional Cardiologist, UCI Health

Ailin Barseghian El-Farra, MD

Assistant Professor, Division of Cardiology, Department of Medicine
Interventional cardiologist, UCI Health

Rajesh Banker, MD

Assistant Professor, Division of Cardiology, Department of Medicine
Director, Advanced Catheter Ablation, UCI Health

Michael Gibson, MD

Assistant Professor, Division of Cardiology, Department of Medicine
Cardiologist, Heart Failure Program, Director, Coronary Care Unit, UCI Health

Dipti Itchhaporia, M.D.

Associate Clinical Professor, Division of Cardiology, UCI Health
Robert and Georgia Roth Chair of Cardiac Excellence and Medical Director of Disease Management, Hoag Heart and Vascular Institute, Newport Beach

Teferi Mitiku, MD

Assistant Professor, Division of Cardiology, Department of Medicine
Electrophysiology, UCI Health

Christopher Pan, MD, MBA

Assistant Professor, Division of Cardiology, Department of Medicine
Interventional cardiologist, UCI Health

Arnold Seto, MD, MPH

Associate Professor, Division of Cardiology, Department of Medicine
Chief, Cardiology, VA Long Beach Healthcare System
Interventional cardiologist, UCI Health and VA Long Beach Healthcare System

Satinder Swaroop, MD

Associate Professor, Division of Cardiology, Department of Medicine
Interventional cardiologist, UCI Health

Agenda

- 7:30 a.m. **Registration and breakfast/meet and greet faculty**
- 7:55 a.m. **Welcome remarks**
Morton Kern, MD, and Pranav Patel, MD
- 8 a.m. **Patient safety outcomes in the cath lab:
The importance of teamwork and time-out**
Arnold Seto, MD, MPH
- 8:30 a.m. **The essentials of coronary angiography:
What you need to know**
Morton Kern, MD
- 9 a.m. **Cardiac tamponade: Diagnosis and management**
Pranav Patel, MD
- 9:30 a.m. **The basics of ECG: ACS and common arrhythmias**
Teferi Mitiku, MD
- 10 a.m. **Break**
- 10:15 a.m. **Complex case review and complications I**
Dipti Itchhaporia, MD, and Pranav Patel, MD
- 10:55 a.m. **Essentials of intravascular imaging: How we use OTC
and IVUS to manage our patients**
Ailin Barseghian El-Farra, MD
- 11:20 a.m. **Essentials of pacemakers and AICD**
Rajash Banker, MD
- 11:45 a.m. **Lunch**
- 12:30 p.m. **The nuts and bolts of FFR and IFR**
Morton Kern, MD
- 1 p.m. **Hemodynamics: Case review for the cath lab and ICU**
Arnold Seto, MD, MPH, and Chris Pan, MD, MBA
- 1:40 p.m. **Mechanical circulatory support in the cath lab**
Michael Gibson, MD
- 2:10 p.m. **Heart valve disease: Where we are today and what
the future holds**
Ihab Alomari, MD
- 2:35 p.m. **Case review and complications II: Presentations
from cath lab staff and physicians**
Morton Kern, MD, and Pranav Patel, MD
- 3 p.m. **Adjourn**

Accreditation and Disclosure

Target Audience: Catheterization lab nurses and technicians, cardiovascular nurses, students and 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.

ASRT Designation: The American Society of Radiologic Technologists (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 CME Consortium to ensure balance, independence, objectivity and scientific rigor in all CME activities. Full disclosure of conflict resolution will be made in writing via handout materials or syllabus.

California Assembly Bill 1195: 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 AB 1195 and definitions of cultural and linguistic competency, please visit the CME website at meded.uci.edu/CME

Successful completion of this CME activity enables the participant to earn up to 6 MOC points [and patient safety credit] in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC points.



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Location

Fashion Island Hotel Newport Beach

690 Newport Center Drive
Newport Beach, CA 92660

Course fees

(breakfast included)

\$90 **Non-UCI Health employees**

\$80 **UCI Health employees**

\$65 **Students/trainees**

Registration will be \$100 on the day of the conference.

Course fees will increase \$15 after Jan. 10, 2019.

Register today!

Register at medicine.uci.edu/cathlab-cme

