

Jeffrey M. Carlton Heart & Vascular Institute Presents:

35th ADVANCED ECHO CONFERENCE

SEPTEMBER 14 - 16, 2018

Fashion Island Hotel
690 Newport Center Drive
Newport Beach, CA



PROGRAM DIRECTORS

Natesa G. Pandian, MD, FACC

Pravin M. Shah, MD, MACC



Jeffrey M. Carlton
Heart & Vascular Institute

A member of the
St. Joseph Hoag Health alliance

In cooperation with:



ASE

American Society of
Echocardiography



GENERAL INFORMATION

ACCREDITATION

Credit Designation

Hoag Memorial Hospital Presbyterian designates this live educational activity for a maximum of *19.50 AMA PRA Category 1 Credits™*. Physicians should claim credit commensurate with the extent of their participation in the activity. This credit can apply to the CMA Certification of Continuing Medical Education.

Accreditation

Hoag Memorial Hospital Presbyterian is accredited by the Institute for the Medical Quality/California Medical Association (IMQ/CMA) to provide continuing medical education for physicians.



ACKNOWLEDGEMENT

The 34th Advanced Echo Conference is offered in cooperation with the American Society of Echocardiography.

VENUE AND ACCOMMODATIONS

Location

Program will be held at the Fashion Island Hotel, located at 690 Newport Center Drive, Newport Beach, California, 92660. The hotel phone number is 949-759-0808.

Overnight Room Accommodations

Room rates start at \$239 per night, plus applicable taxes, per room, based upon availability. Reservations can be secured with a credit card by calling 877-591-9145. Ask for the Hoag Advanced Echo Conference preferred rate. Online registrations are available at: www.hoag.org/echo-rooms

Reservations should be made prior to **Tuesday, August 14, 2018**. After this rooms will be released back to the hotel inventory.

CONFERENCE CANCELLATIONS

Written cancellation will be accepted until September 1, 2018. No refunds will be given for no-shows.

In the unlikely event the program is cancelled, a full refund of the registration fee will be given, but program hosts are not responsible for any travel or hotel costs you may incur.

OVERVIEW

CONFERENCE OVERVIEW

Welcome to the 35th Advanced Echo Conference, join your colleagues for interactive, case-based learning of the latest in echocardiography. This program will present a variety of clinical problems and discuss the role of 3D echo, strain imaging, flow quantitation, and contrast echo in the diagnosis and therapeutic guidance in a variety of clinical scenarios. In-depth discussion of the strengths of various echo techniques and parameters will be coupled with tips to avoid pitfalls. The conference will discuss the spectrum of valve disease – both common and uncommon, surgical and percutaneous interventions and complicated valve issues. Application of echo in aortic diseases, ischemic and non-ischemic myocardial disorders, acute and chronic heart failure, arrhythmic diseases, pericardial pathology and neoplastic melodies will be discussed with illustrative patient examples.

An optional evening session for sonographers will deal with advanced Doppler hemodynamics.

OBJECTIVES

- Learn the new developments in technology
- Understand how to perform, interpret and apply 3D echo and strain imaging
- Understand how to assess and interpret Doppler hemodynamics
- Understand the utility of 3D/2D echo in guiding valve surgery and transcatheter interventions
- Learn the value of various echo modalities in the assessment of acute and chronic heart failure patients
- Distinguish various dilated and infiltrative cardiomyopathies
- Understand the utility of echo imaging in aortic, pericardial and neoplastic disorders
- Learn the value of echo in acutely-ill patients in intensive care scenarios

WHO SHOULD ATTEND

This program is intended for cardiologists, cardiac anesthesiologists, intensivists, sonographers, and cardiothoracic surgeons.

PROGRAM DIRECTORS

Natesa G. Pandian, MD, FACC

Medical Director, Nancy & Bill Thompson Heart Valve Center
Director, Noninvasive Cardiac Imaging
Jeffrey M. Carlton Heart & Vascular Institute
Professor of Medicine, Tufts University

Pravin M. Shah, MD, MACC

Staff Cardiologist
Hoag Memorial Hospital Presbyterian

INVITED FACULTY

Gerard P. Aurigemma, MD, FACC, FAHA, FASE

Director, Noninvasive Cardiology
University of Massachusetts Medical Center
Professor of Medicine and Radiology
University of Massachusetts

Steven A. Goldstein, MD, FACC, FASE

Professor of Medicine
Georgetown University Medical Center
Medstar Heart and Vascular Institute

Itzhak Kronzon, MD, FACC

Professor of Cardiology, Hofstra University
Northwell Health System/Lenox Hill Hospital

G. Burkhard Mackensen, MD, PhD, FASE

Professor and Chief, Cardiothoracic Anesthesia
University of Washington Medical Center

Sunil Mankad, MD, FACC, FCCP, FASE

Associate Professor of Medicine
Director, Transesophageal Echocardiography
Associate Director, Cardiology Fellowship
Mayo Clinic

Ayan R. Patel, MD, FACC, FASE, FHFSA

Director, Cardiovascular Imaging & Hemodynamic Laboratory
Professor of Medicine
Tufts Medical Center/Tufts University School of Medicine

Muhamed Saric, MD, PhD

Associate Professor of Medicine
Clinical Director of Noninvasive Cardiology
Director, Echocardiography Lab
New York University Langone Health

Robert J. Siegel, MD, FACC

Professor of Medicine, Cedars-Sinai and UCLA
Medical Director, Clinic for Hypertrophic Cardiomyopathy and Aortopathies
Director, Cardiac Noninvasive Laboratory
Smidt Heart Institute
Cedars-Sinai Medical Center

JEFFREY M. CARLTON HEART & VASCULAR INSTITUTE FACULTY

Anthony D. Caffarelli, MD, FACC

Co-Director, Cardiovascular and Thoracic Surgery
Newkirk Family Endowed Chair in Aortic Care

Jorge M. Castellanos, MD, FACC

Interventional Cardiology

Aidan A. Raney, MD, FACC

Director, Cardiovascular and Thoracic Surgery
James and Pamela Muzzy Endowed Chair in Cardiovascular Surgery

Joseph M. Riggio, MD

Cardiovascular Anesthesiologist

Marc Gorman, RDSC

Supervisor, Echocardiography Laboratory

PROGRAM AGENDA: DAY 1 – FRIDAY, SEPTEMBER 14, 2018

8 am **Registration, Exhibits and Breakfast**

8:45 am **Welcome, Introductions and Program Format**

SESSION 1

Moderator: Dr. Pravin M. Shah

9 am **Echo Evaluation of the Spectrum of Aortic Stenosis – Update, Challenges and Case Studies**
Dr. Pravin M. Shah

9:40 am **Transcatheter Aortic Valve Replacement – Patient Evaluation and Procedure Guidance**
Dr. Jorge M. Castellanos

10 am **2D/3D Evaluation of Mitral, Tricuspid and Pulmonic Stenosis – Update, Challenges and Case Studies**
Dr. Steven A. Goldstein

10:45 am **Break and Exhibits**

SESSION 2

Moderator: Dr. Natesa G. Pandian

11:15 am **Mitral Regurgitation – 2D/3D Echo Assessment of Pathology and Mechanisms, Update and Cases**
Dr. G. Burkhard Mackensen

11:45 am **Quantitation of Valvular Regurgitation – Update, Challenges and Case Studies**
Dr. Natesa G. Pandian

12:15 pm **Valve Disorders in Systemic Diseases – The Spectrum and Case Studies**
Dr. Sunil Mankad

12:45 pm **Questions and Discussion**

1 pm **Lunch and Exhibits**

SESSION 3

2 pm **Wet lab Demonstration of Valvular Anatomy and Related Structures**
Dr. Aidan A. Raney

SESSION 4

Moderator: Dr. Robert Siegel

2:40 pm **Role of 2D/3D Echo in Guiding Percutaneous Catheter Interventions for Mitral Regurgitation (Mitral Clip, TMV Repair, TMV Replacement)**
Dr. Muhamed Saric

3:05 pm **2D/3D Echo in Guiding Catheter Interventions for Tricuspid Regurgitation – Update and Cases**
Dr. Robert Siegel

3:30 pm **Mitral Valve Surgical Repair – Evaluation, Techniques and Guidance**
Dr. Pravin M. Shah and Dr. Aidan A. Raney

4 pm **Break and Exhibits**

SESSION 5

Moderator: Dr. Natesa G. Pandian

4:30 pm **Challenges in Multivalvular Lesions of Varying Severity – How to Evaluate and Treat**
Dr. Steven A. Goldstein

5 pm **2D/3D Echo Guidance for Percutaneous Therapy for Nonvalvular Pathology**
Dr. Itzhak Kronzon

5:30 pm **Adjourn**

5:30 – 6:30 pm

OPTIONAL SONOGRAPHER SESSION

Doppler Hemodynamics Workshop – How to Extract Maximum Information from Spectral Doppler

Dr. Natesa G. Pandian and Mr. Marc Gorman

PROGRAM AGENDA: DAY 2 – SATURDAY, SEPTEMBER 15, 2018

7 am **Registration, Exhibits and Breakfast**

SESSION 6

Moderator: Dr. Muhamed Saric

8 am **Echo/Doppler Evaluation of Pulmonary Hypertension – Overview and Cases**

Dr. Ayan R. Patel

8:30 am **Role of Echo in Pulmonary Embolism – Points and Cases**

Dr. Muhamed Saric

9 am **Dilated Aorta with Trileaflet/Bicuspid Aortic Valve - 2D/3D Anatomy and Surgical Repair of Aortic Valve and Aorta**

Dr. Anthony D. Caffarelli and Dr. Natesa G. Pandian

9:45 am **Questions and Discussion**

10 am **Break and Exhibits**

SESSION 7

Moderator: Dr. Pravin Shah

10:30 am **Prosthetic Valve Dysfunction – Review and Illustrative Cases**

Dr. Sunil Mankad and Dr. G. Burkhard Mackensen

11:10 am **2D/3D Echo guidance for Paravalvular Leak Repair**

Dr. Itzhak Kronzon

11:30 am **Evaluation of Endocarditis, and Guidance for Decision Making – Review and Cases**

Dr. Robert Siegel

12:15 pm **Hypertrophic Cardiomyopathy – Role of Echo in Diagnosis and Management**

Dr. Pravin M. Shah

12:45 pm **Questions and Discussion**

1 pm **Lunch and Exhibits**

SESSION 8

Moderator: Dr. Steven A. Goldstein

2 pm **How to Obtain Optimal Data in Stress Echo**

Dr. Muhamed Saric

2:30 pm **Echo in Patients with Chest Pain: Is it CAD or Other Problems**

Dr. Steven A. Goldstein

3 pm **Acute Coronary Syndromes and Infarct Complications – Overview and Cases**

Dr. Itzhak Kronzon

3:30 pm **Break and Exhibits**

SESSION 9

Moderator: Dr. Ayan R. Patel

4 pm **Echo Assessment in Heart Failure of Systolic Ventricular Dysfunction of Varied Causes**

Dr. Sunil Mankad

4:40 pm **Echo in Patients with Increased Wall Thickness and Heart Failure**

Dr. Steven A. Goldstein

5:15 pm **Evaluation of the Right Ventricle – Update, Approaches and Cases**

Dr. Ayan R. Patel and Dr. Burkhard Mackensen

5:45 pm **Questions and Discussion**

6 pm **Adjourn**

PROGRAM AGENDA: DAY 3 – SUNDAY, SEPTEMBER 16, 2018

7 am Registration, Exhibits and Breakfast

SESSION 10

Moderator: Dr. Steven A. Goldstein

8 am **Update on Speckle Tracking: In What Clinical Scenarios? - Overview and Cases**

Dr. Muhamed Saric

8:20 am **Contrast Echo: If You Don't Use It, You are Missing or Misdiagnosing**

Dr. Natesa G. Pandian

8:50 am **Real or Artefact – Dilemmas in TTE and TEE**

Dr. Steven A. Goldstein and Dr. Burkhard Mackensen

9:15 am **Dissection and Aortic Pathology of Diverse Nature – Overview and Cases**

Dr. Itzhak Kronzon

9:45 am **Real Cardiac Disorder or Athlete's Heart?**

Dr. Sunil Mankad

10:10 am **Break and Exhibits**

SESSION 11

Moderator: Dr. Natesa G. Pandian

10:30 am **Pericardial Disorders – Overview and Cases**

Dr. Itzhak Kronzon

11:10 am **Common Congenital Heart Disease in Adults – Overview and Cases**

Dr. Muhamed Saric, Dr. Sunil Mankad, and Dr. Robert Siegel

11:50 pm **Questions in the Operating Room: TEE gives the Answer – Cases**

Dr. Joseph M. Riggio and Dr. Burkhard Mackensen

12:15 pm **Cardiac Masses – Myxoma May be Easy, How About Others?**

Dr. Ayan R. Patel, Dr. Natesa G. Pandian, Dr. Steven A. Goldstein, and Dr. Sunil Mankad

1 pm **Questions and Discussion**

1:30 pm **Adjourn**



REGISTRATION FORM

35th ADVANCED ECHO CONFERENCE

September 14 - 16, 2018, Fashion Island Hotel Newport Beach

Online Registration – www.hoag.org/events

- Adult Cardiology, Pediatric Cardiology, CV Surgery, Interventional Cardiology
- Internal Medicine, Imaging, Radiology, Cardiac Anesthesiology, Other _____

Registration Fees

- Member Physicians (ASE, ACC CA Chapter): \$640
- Nonmember Physicians: \$800
- Member Technologists / Sonographers / Allied Health Professionals /
Fellows in Training / Students (ASE, ACC CA Chapter): \$440
- Nonmember Technologists / Sonographers / Allied Health Professionals /
Fellows in Training / Students: \$560

ASE/ACC Membership Number: _____

Email hoagevents@hoag.org if you need assistance or have questions.

Room accommodations can be made at the Fashion Island Hotel until **Wednesday, August 14, 2018**, by calling 877-591-9145. Room rates and inventory subject to availability.

Registration fee includes conference tuition, breakfast, lunch and refreshments. Daily valet parking is \$10. (Overnight parking charges are different from these rates so please confirm overnight rates when booking your accommodations)

_____		_____	
First Name		Last Name	
_____		_____	
Clinical Title (i.e. MD, RN, etc.)		License	
_____		_____	
Institution		Unit or Specialty	

Mailing Address			

City	State	Zip	
_____		_____	
Phone	Email		

Payment

- Check (payable to Hoag Hospital). Please mail form and check to address listed above.
- Visa MasterCard American Express Discover

_____		_____	
Credit Card Number		Expiration Date	

Name (As it appears on card)			

Signature			

Upon receipt of registration a confirmation will be sent via email. The electronic syllabus will be available to pre-registered attendees online prior to the symposium for downloading and printing. Attendees will receive an email when the syllabus materials are available online. A printed syllabus will not be available at this conference.



Hoag Events

510 Superior Avenue, Suite 290
Newport Beach, CA 92663

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