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

In cooperation with:

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.

This program made possible by a generous donation from Hoag Hospital Foundation.
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 patholgy 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 transcutaneous 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

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

Muhammed 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, RDCS
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

**Optional Sonographer Session**
Doppler Hemodynamics Workshop – How to Extract Maximum Information from Spectral Doppler
Dr. Natesa G. Pandian and Mr. Marc Gorman
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
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)

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First Name                                      Last Name
Clinical Title (i.e. MD, RN, etc.)              License
Institution                                    Unit or Specialty
Mailing Address                                
City                                           State  Zip
Phone                                          Email

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