Jeffrey M. Carlton Heart & Vascular Institute Presents:

34th ADVANCED ECHO CONFERENCE

SEPTEMBER 22-24, 2017

Newport Beach Marriott Hotel & Spa
900 Newport Center Drive
Newport Beach, CA

PROGRAM DIRECTORS

Natesa G. Pandian, MD, FACC
Pravin M. Shah, MD, MACC
GENERAL INFORMATION

ACCREDITATION

Credit Designation
Hoag Memorial Hospital Presbyterian designates this live educational activity for a maximum of 19.75 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.

At the time of printing, a complete list of industry exhibitors was not available. Appropriate acknowledgement will be given to all exhibitors at the time of the program.

VENUE AND ACCOMMODATIONS

Location
Program will be held at the Newport Beach Marriott Hotel & Spa, located at 900 Newport Center Drive, in Newport Beach, California, 92660. The hotel phone number is 949-640-4000.

Overnight Room Accommodations
Room rates start at $185 per night, plus applicable taxes, per room, based upon availability. Reservations can be secured with a credit card by calling 877-622-3056. Ask for the Hoag Advanced Echo Conference preferred rate. Online registrations are available at: https://aws.passkey.com/go/AdvancedEchoConference. Reservations should be made prior to Wednesday, August 20, 2017. After this rooms will be released back to the hotel inventory.

CONFERENCE CANCELLATIONS

Written cancellation will be accepted until September 16, 2017. 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.
CONFERENCE OVERVIEW

Join your colleagues for an interactive, case-based learning of the latest advances 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. An 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 including 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 also be discussed with illustrative patient examples. An optional evening session for sonographers will be available to discuss the “how-to” of 3D echo.

OBJECTIVES

• Review new developments in technology
• Describe how to perform, interpret and apply 3D echo and strain imaging
• Assess and interpret Doppler hemodynamics
• Describe the utility of 3D/2D echo in guiding valve surgery and transcatheter interventions
• Explain the value of various echo modalities in the assessment of acute and chronic heart failure patients
• Distinguish various dilated and infiltrative cardiomyopathies
• Describe the utility of echo imaging in aortic, pericardial and neoplastic disorders
• Explain 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
Cardiology Advisor,
Jeffrey M. Carlton Heart & Vascular Institute
Professor of Medicine, Tufts University School of Medicine

Pravin M. Shah, MD, MACC
Medical Director,
Nancy & Bill Thompson Heart Valve Center
Director, Noninvasive Imaging
Jeffrey M. Carlton Heart & Vascular Institute

INVITED FACULTY

Antonio Arias Godinez, MD
Director, Echocardiography Laboratory
National Institute of Cardiology, Mexico City, Mexico

Thomas Binder, MD, FACC, FESC
Director, Echocardiography Laboratory
Professor of Medicine, Medical University of Vienna, Austria

Itzhak Kronzon, MD, FACC
Professor of Cardiology, Hofstra University
Northwell Health System/Lenox Hill Hospital, New York, NY

G. Burkhard Mackensen, MD, PhD, FASE
Professor and Chief, Cardiothoracic Anesthesia
University of Washington Medical Center, Seattle, WA

Sunil Mankad, MD, FACC, FASE
Director, Transesophageal Echocardiography
Co-Director, Cardiology Fellowship Program
Associate Professor of Medicine
Mayo Clinic, Rochester, MN

H. Joachim Nesser, MD, FACC, FESC
Senior Staff Cardiologist
St. Elizabethinen Hospital, Linz, Austria

Ramdas Pai, MD, FACC, FASE
Professor and Chair, Department of Medicine
UC Riverside School of Medicine
Director, Fellowship Program & Noninvasive Cardiac Laboratory
St. Bernardine Medical Center, San Bernardino, CA

Vito Maurizio Parato, MD, FACC, FESC
Chief, Cardiology Unit, Madonna del Soccorso Hospital, San Benedetto del Tronto
Professor of Cardiology, Politechnica dell Marche University, Ancona, Italy

Robert Siegel, MD, FACC, FASE
Director, Cardiac Noninvasive Laboratory
Professor of Medicine
Cedars-Sinai Medical Center, Los Angeles, CA

Lissa Sugeng, MD, FACC
Director, Yale Echo Laboratory and Echo Core Laboratory
Associate Professor of Medicine
Yale University Medical Center, New Haven, CT

JEFFREY M. CARLTON HEART & VASCULAR INSTITUTE FACULTY

Anthony D. Caffarelli, MD, FACC
Co-Director, Cardiovascular and Thoracic Surgery

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
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<th>Time</th>
<th>Session</th>
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<tr>
<td>8 am</td>
<td>Registration, Exhibits and Breakfast</td>
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<tr>
<td>8:45 am</td>
<td>Welcome Introductions and Program Format</td>
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<tr>
<td></td>
<td>Dr. Natesa G. Pandian and Dr. Pravin M. Shah</td>
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<tr>
<td>9 am</td>
<td>Evolving Innovations in Echocardiography</td>
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<td>Moderator: Dr. Natesa G. Pandian</td>
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<td>Speckle and Strain Today: Which Parameters Have Clinical Application? -</td>
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<td></td>
<td>Dr. Sunil Mankad</td>
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<td>Automated 3D Color Flow Quantitation: A New Development - Dr. Natesa G.</td>
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<td>Fusion Imaging: Just Some Jazz or Definite Clinical Benefit? - Dr. Itzhak</td>
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<tr>
<td>9:45 am</td>
<td>Quantitation of Valve Stenosis: Pitfalls and Solutions – Case Studies</td>
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<td>Moderator: Dr. Pravin M. Shah</td>
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<td>Aortic Stenosis - Dr. Pravin M. Shah</td>
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<td>Mitral Stenosis - Dr. Robert Siegel</td>
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<td>Tricuspid Stenosis - Dr. Sunil Mankad</td>
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<td>10:45 am</td>
<td>Break and Exhibits</td>
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<tr>
<td>11:15 am</td>
<td>Quantitation of Valve Regurgitation: Pitfalls and Solutions – Case Studies</td>
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<td>Moderator: Dr. Pravin M. Shah</td>
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<td>Mitral Regurgitation - Dr. Itzhak Kronzon</td>
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<td>Aortic Regurgitation - Dr. Lissa Sugeng</td>
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<td>Tricuspid Regurgitation - Dr. Natesa G. Pandian</td>
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<td>12:15 pm</td>
<td>Less Common Causes of Valvular Stenosis and Regurgitation – Case Studies</td>
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<td>Moderator: Natesa G. Pandian</td>
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<td>Case Presenters and Discussants:</td>
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<td></td>
<td>Dr. H. Joachim Nesser, Dr. Sunil Mankad, Dr. Antonio Arias Godinez</td>
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<td>12:45 pm</td>
<td>Questions and Discussion</td>
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<td>1 pm</td>
<td>Lunch and Exhibits</td>
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<td>2 pm</td>
<td>Valve Disease – Insights and Interventions</td>
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<td>Moderators: Dr. Natesa G. Pandian and Dr. Sunil Mankad</td>
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<td>Wet Lab Demonstration of Valvular Anatomy</td>
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<td>Dr. Aidan A. Raney</td>
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<td>2:45 pm</td>
<td>3D TEE Imaging of Valvular Anatomy with Cases – Strengths and Limitations</td>
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<td>Dr. G. Burkhard Mackensen</td>
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<td>3:10 pm</td>
<td>Mitral Valve Surgical Repair</td>
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<td>Dr. Pravin M. Shah and Dr. Aidan A. Raney</td>
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<td>3:40 pm</td>
<td>Mitral Clip – How to Choose Patients and How to Guide</td>
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<td>Dr. Robert Siegel and Dr. Jorge M. Castellanos</td>
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<td>4 pm</td>
<td>Break and Exhibits</td>
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<td>4:30 pm</td>
<td>Transcutaneous Aortic Valve Replacement – How to Choose and How to Guide</td>
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<td>Dr. Natesa G. Pandian and Dr. Jorge M. Castellanos</td>
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<td>4:50 pm</td>
<td>Correction of Paravalvular Leak – How to Choose and How to Guide</td>
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<td>Dr. Sunil Mankad</td>
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<td>5:10 pm</td>
<td>Questions and Discussion</td>
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<td>5:30 pm</td>
<td>Adjourn</td>
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<tr>
<td>5:30 – 6:30 pm</td>
<td>Optional Sonographer Session on 3D Echo: How to Image, Crop, Interp</td>
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7 am  Registration, Exhibits and Breakfast

8 am  Stress Echo in Valve Disease - Cases
When, What Stress, What Info to Collect and How to Incorporate?
Dr. Pravin M. Shah

8:30 am  Prosthetic Valve Dysfunction, Endocarditis: Evaluation and Decision Making
Moderator: Dr. Natesa G. Pandian
Case Presenters and Discussants:
Dr. Itzhak Kronzon, Dr. Thomas Binder, Dr. Vito Maurizio Parato
Dr. G. Burkhard Mackensen, Dr. Antonio Arias Godinez

9:30 am  The Spectrum of Valve Disease is Broad - Unusual Cases
Case Presenters and Discussants:
Dr. Lissa Sugeng, Dr. Thomas Binder, Dr. Robert Siegel

10 am  Break and Exhibits

10:30 am  Dilated Aorta: When to Intervene and What to Do About the Valve
Moderator: Dr. H. Joachim Nesser
Presenters: Dr. Anthony D. Caffarelli and Dr. Natesa G. Pandian

11 am  Spectrum of Aortic Disorders:
Aortic Dissection, Intramural Hematoma, Aortitis, Ulcers, Masses, Coarctation
Case Presenters and Discussants:
Dr. Thomas Binder, Dr. Lissa Sugeng, Dr. Vito Maurizio Parato, Dr. Natesa G. Pandian

11:50 am  Ischemic Heart Disease:
Stress Echo, Chest Pain, Acute Coronary Syndromes, Infarct Complications
Moderator: Dr. Lissa Sugeng
Case Presenters and Discussants:
Dr. Robert Siegel, Dr. Thomas Binder, Dr. Vito Maurizio Parato,
Dr. G. Burkhard Mackensen, Dr. Jorge M. Castellanos

1 pm  Lunch and Exhibits

2 pm  Heart Failure and Ventricles with Low EF – Common and Uncommon Challenges:
CAD, Valve Disease, Therapy-Induced, Arrhythmia-Induced, Stress-Induced, Other
Moderator: Dr. Natesa G. Pandian
Case Presenters and Discussants:
Dr. Robert Siegel, Dr. Itzhak Kronzon, Dr. H. Joachim Nesser, Dr. Lissa Sugeng, Dr. Natesa G. Pandian

3:20 pm  Break and Exhibits

3:50 pm  Heart Failure, Increased/Normal Wall Thickness and Preserved EF:
Hypertrophy, Inflammation, Infiltration, Rejection, Other
Moderator: Dr. H. Joachim Nesser
Case Presenters and Discussants:
Dr. Natesa G. Pandian, Dr. Ramdas Pai, Dr. Vito Maurizio Parato, Dr. Thomas Binder, Dr. H. Joachim Nesser

4:50 pm  Just Talk – You Ask, We Answer
Moderator: Dr. Natesa G. Pandian
Panel Members:
Dr. Pravin M. Shah, Dr. Anthony D. Caffarelli, Dr. Lissa Sugeng, Dr. Robert Siegel, Dr. Itzhak Kronzon

6 pm  Adjourn
7 am  Registration, Exhibits and Breakfast

8 am  Echo in Arrhythmic Disorders:
Ventricular and Atrial Cardiomyopathy, Arrhythmogenic Cardiomyopathy, Athletes Heart, LA Appendage Closure
Moderator: Dr. Natesa G. Pandian
Case Presenters and Discussants:
Dr. Sunil Mankad, Dr. Natesa G. Pandian, Dr. Thomas Binder, Dr. Vito Maurizio Parato, Dr. Jorge M. Castellanos

8:50 am  Pericardial Disorders
Moderator: Dr. Sunil Mankad
Case Presenters and Discussants:
Dr. Itzhak Kronzon, Dr. Ramdas Pai, Dr. Sunil Mankad, Dr. Thomas Binder

9:40 am  Adult Congenital Heart Disease
Moderator: Dr. Thomas Binder
Case Presenters and Discussants:
Dr. Antonio Arias Godinez, Dr. Thomas Binder, Dr. Ramdas Pai, Dr. Natesa G. Pandian

10:40 am  Break and Exhibits

11 am  Surgery Done, Patient Not Doing Well: Intraoperative and Perioperative Challenges
Moderator: Dr. G. Burkhard Mackensen
Case Presenters and Discussants:
Dr. Sunil Mankad, Dr. Joseph M. Riggio, Dr. Pravin M. Shah, Dr. G. Burkhard Mackensen

11:40 am  Just Came Into the ED/Intensive Care Unit, but Crashing Clinically
Case Presenters and Discussants:
Dr. Sunil Mankad, Dr. Itzhak Kronzon, Dr. Robert Siegel, Dr. Vito Maurizio Parato

12:15 pm  Cardiac Masses – What Is It? What Should We Do?
Moderator: Dr. Natesa G. Pandian
Case Presenters and Discussants:
Dr. Itzhak Kronzon, Dr. Sunil Mankad, Dr. Robert Siegel, Dr. Antonio Arias Godinez

1:15 pm  Three for the Road – Intriguing Cases

1:30 pm  Adjourn
REGISTRATION FORM

34th ADVANCED ECHO CONFERENCE
September 22 - 24, 2017, Newport Beach Marriott Hotel & Spa

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 Newport Beach Marriott Resort & Spa until Wednesday, August 20, 2017, by calling 877-622-3056. Room rates and inventory subject to availability.

Registration fee includes conference tuition, breakfast, lunch and refreshments. Daily valet parking is $18. Daily self-parking is $12. (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.