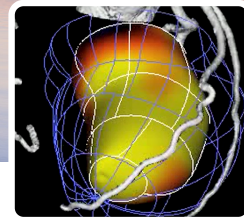
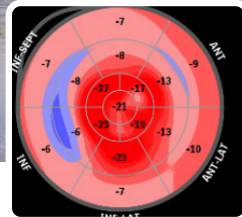
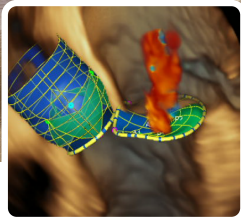


Jeffrey M. Carlton Heart & Vascular Institute Presents:

37th ADVANCED ECHO CONFERENCE

October 20 – 21, 2023

The Waterfront Beach Resort, A Hilton Hotel
21100 Pacific Coast Hwy
Huntington Beach, California 92646



PROGRAM DIRECTOR

Natesa G. Pandian, M.D., F.A.C.C.

Medical Director, Nancy & Bill Thompson
Heart Valve Center

Director, Noninvasive Cardiac Imaging
Jeffrey M. Carlton Heart & Vascular Institute
Professor of Medicine, Tufts University

PROGRAM CO-DIRECTOR

Marc Gorman, R.D.C.S.

Supervisor, Echocardiography Laboratory
Jeffrey M. Carlton Heart & Vascular Institute



Jeffrey M. Carlton
Heart & Vascular Institute



The 37th Advanced Echo Conference is offered in
cooperation with the American Society of Echocardiography.



California
CHAPTER

American College of Cardiology.

OVERVIEW

CONFERENCE OVERVIEW

This program will include succinct didactics and interactive, case-based learning of the latest in clinical echocardiography. The program will present a variety of clinical problems and discuss the role of 2D/3D echo, Doppler modalities, 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 disorders and neoplastic pathology will be discussed with illustrative patient examples.

WHO SHOULD ATTEND

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

OBJECTIVES

- Explain current updates on the new developments in echo technology.
- Describe how to perform, interpret and apply 3D echo and strain imaging.
- Interpret complex Doppler hemodynamics.
- Explain the utility of 2D/3D echo in guiding valve surgery and structural heart interventions.
- Demonstrate a simplified approach to assess diastolic function.
- Explain the value of various echo modalities in the assessment of acute and chronic heart failure patients.
- Distinguish various dilated and infiltrative cardiomyopathies.
- Explain the potential of Artificial Intelligence as it applies to echocardiography.
- Discuss the spectrum of hypertrophic cardiomyopathy (HCM) and management implications of echo findings.
- Explain the utility of echo imaging in aortic, pericardial and neoplastic disorders.
- Explain the use of vascular ultrasound as relevant to cardiology procedures.

CME ACCREDITATION

Accreditation

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

Credit Designation

Hoag Memorial Hospital Presbyterian designates this educational activity for the maximum of 16.00 hours *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.



PROGRAM AGENDA: OCTOBER 20 – 21, 2023

DAY 1 – FRIDAY, OCTOBER 20

8:00 a.m. Registration, Exhibits and Breakfast

8:30 a.m. Welcome, Introductions and Program Format

SESSION 1 Moderator: Dr. Natesa Pandian

8:35 a.m. **Good Old 2D Echo: There is More Than That Meets the Eye**

Dr. Natesa Pandian

9:00 a.m. **Transthoracic 3D Echo – What Can We Extract Besides Chamber Size and Function**

Dr. Lissa Sugeng

9:25 a.m. **Speckle Derived Strain – Technique, Avoiding Pitfalls, Applications**

Dr. Theodore Abraham

10:00 a.m. **Artificial Intelligence in Echocardiography**

Dr. Muhamed Saric

10:20 a.m. **Questions & Answers**

10:30 a.m. **Morning Break and Exhibits**

SESSION 2 Moderator: Dr. Robert Siegel

11:00 a.m. **Evolving Indications for TAVR – Critical Role of Echo: Parameters and Anatomy**

Dr. Ramdas Pai

11:20 a.m. **2D, Doppler and 3D Evaluation of Mitral Regurgitation: How to Integrate Diverse Parameters**

Dr. Robert Siegel

11:40 a.m. **Transcatheter Edge-to-Edge MV Repair**

Dr. Cheng-Han Chen

12:00 p.m. **Newer Transcatheter Approaches to MV Disease – What is Needed from Echo?**

Dr. Muhamed Saric

12:20 p.m. **Questions and Answers**

12:30 p.m. **Lunch and Exhibits**

SESSION 3 Moderator: Dr. Theodore Abraham

1:30 p.m. **How to Assess Left and Right Atrial Function and Hemodynamics**

Dr. Theodore Abraham

1:50 p.m. **Atrial Fib Atrial Cardiomyopathy and AV Valvular Regurgitation**

Dr. Jin K Kim

2:10 p.m. **Tricuspid Valve Finally getting recognized: How to Evaluate TV and Guide Treatment**

Dr. Lissa Sugeng

2:30 p.m. **Endocarditis – Decision Making, Not Always Easy. Echo Helps**

Dr. Theodore Abraham

3:00 p.m. **Afternoon Break and Exhibits**

SESSION 4 Moderator: Dr. Madhavi Kadiyala

3:30 p.m. **Prosthetic Valve Disorders – How to Sort Out the Problem**

Dr. Madhavi Kadiyala and Dr. Ramdas Pai

4:00 p.m. **Echo Guidance for Transcatheter Therapy for Nonvalvular Disorders – Cases**

Dr. Robert Siegel

4:30 p.m. **Pericardial Diseases**

Dr. Natesa Pandian

5:00 p.m. **COVID Heart – Role of Echo**

Dr. Muhamed Saric

6:00 p.m. **Sonographer Questions and Answers – Free Discussion**

Mr. Marc Gorman

6:30 p.m. **Adjourn**

DAY 2 – SATURDAY, OCTOBER 21

7:00 a.m. Registration, Exhibits and Breakfast

SESSION 5 Moderator: Dr. Natesa Pandian and Dr. Lissa Sugeng

7:30 a.m. **Evaluation of the Right Ventricle**
Dr. David Liang

7:50 a.m. **Pulmonary Embolism – Echo for Diagnosis and Guidance for Therapy**
Dr. David Liang

8:10 a.m. **Cardio-Oncology Cases with Learning Points (XRT, Chemotherapy, Checkpoint Inhibitors)**
Dr. Lissa Sugeng

8:30 a.m. **Hypertrophic Cardiomyopathy, the Spectrum**
Dr. Natesa Pandian

8:50 a.m. **Echo Guidance for Evolving Medical Therapy in HCM including Myosin Inhibitors**
Dr. Theodore Abraham

9:10 a.m. **Echo Guidance for Myectomy and Transcatheter Septal Reduction Therapies**
Dr. Robert Siegel

10:00 a.m. Morning Break and Exhibits

SESSION 6 Moderator: Dr. David Liang

10:30 a.m. **Aortic Disorders – A Systematic Approach with Echo and CT**
Dr. David Liang

10:55 a.m. **Aortic Repair/Replacement Procedures – What Info Does a Surgeon Need?**
Dr. Anthony Caffarelli

11:20 a.m. **Robotic Cardiac Surgery – What Info Does a Surgeon Need?**
Dr. Asad Shah

11:45 a.m. **Pre-Operative, Intra-Operative and Peri-Operative Echo Cases**
Dr. Natesa Pandian, Dr. David Liang and Dr. Joseph Riggio

12:10 p.m. Lunch and Exhibits

SESSION 7 Moderator: Dr. Madhavi Kadiyala

1:00 p.m. **LV Diastolic Function – Which Parameters Work and Which Don't?**
Dr. Theodore Abraham

1:25 p.m. **Cardiomyopathies with Increased Wall Thickness and Normal EF – Echo/CMR to Help**
Dr. Madhavi Kadiyala and Dr. Lissa Sugeng

2:50 p.m. **Nonischemic Cardiomyopathies with Normal Wall Thickness and Decreased EF – Cases**
Dr. Ramdas Pai

3:10 p.m. **Illdefined Problems Clarified by Contrast Echo**
Dr. Jin Kim and Mr. Marc Gorman

3:40 p.m. Afternoon Break and Exhibits

SESSION 8 Moderator: Mr. Marc Gorman

4:10 p.m. **Adult Congenital Heart Disease – Concepts and Cases**
Dr. Wyman Lai

4:40 p.m. **Stress Echo for CAD – How to Do it Right, How to Interpret it Right**
Dr. David Liang and Dr. Muhamed Saric

5:10 p.m. **Cases and Cases of Masses and Masses**
All Faculty

5:40 p.m. **Stat, Stat, Stat – Echo to Solve the Crisis**
All Faculty

6:00 p.m. Adjourn

INVITED PRESENTERS

Theodore P. Abraham, M.D., F.A.C.C., F.A.S.E.

Meyer Friedman Distinguished Professor of Medicine
Clinical Chief of Cardiology, University of California,
San Francisco
Vice President, American Society of Echocardiography

Madhavi Kadiyala, M.D., F.A.C.C., F.A.S.E., F.S.C.C.T., F.S.C.M.R.

Assistant Professor
Director, Heart & Vascular Institute Women's Heart Program
Program Director, Advanced Cardiac Imaging Fellowship
Department of Medicine, West Virginia University

Jin K. Kim, M.D., F.A.C.C.

Associate Professor of Medicine
Medical Director, Cardiovascular Diagnostic Center
University of California, Irvine

Wyman W. Lai, M.D., M.P.H., M.B.A.

Medical Director, CHOC Echocardiography
Clinical Professor, UCI Department of Pediatrics

Ramdas G. Pai, M.D., F.A.C.C., F.R.C.P.

Professor of Medicine
Chair of Internal Medicine and Clinical Science
Founding Director, Cardiovascular Fellowship Program
University of California, Riverside School of Medicine

Muhamed Saric, M.D., Ph.D., F.A.C.C., F.A.S.E.

Director, Noninvasive Cardiology
Professor of Medicine
New York University Langone Health

Robert J. Siegel, M.D., F.A.C.C.

Kennamer Chair in Cardiac Ultrasound
Director of Echocardiography, HCM and Aortopathy Clinics
Professor of Medicine Cedars-Sinai Medical Center
Distinguished Professor of Medicine UCLA

Lissa Sugeng, M.D., M.P.H., F.A.C.C., F.A.S.E.

Associate Professor of Cardiology
Zucker School of Medicine at Hofstra/Northwell
System Director of Cardiovascular Imaging
Department of Cardiology, Manhasset, New York

JEFFREY M. CARLTON HEART & VASCULAR PRESENTERS

Anthony D. Caffarelli, M.D., F.A.C.C., F.A.C.S.

Newkirk Family Endowed Chair in Aortic Care
Director, Elaine & Robert Matranga Aortic Center
Director, Cardiac Surgery

Cheng-Han Chen, M.D., Ph.D., F.A.C.C., F.S.C.A.I.

Staff Structural/Interventional Cardiologist

David Liang, M.D., Ph.D., F.A.C.C.

Director, Marfan Syndrome and Related Conditions Program

Joseph Riggio, M.D.

Cardiovascular Staff Anesthesiologist

Asad A. Shah, M.D., F.A.C.C., F.A.C.S.

Co-Director, Cardiac Surgery

ACKNOWLEDGEMENT

The 37th Advanced Echo Conference is offered in cooperation with the American Society of Echocardiography.

VENUE AND ACCOMMODATIONS

Program to be held at the Waterfront Beach Resort, A Hilton Hotel, located at 21100 Pacific Coast Highway, Huntington Beach, California. The hotel phone number is 714-845-8000. Room rates start at \$369-\$409 per night, plus applicable taxes/resort fees, per room, based upon availability. Reservations can be secured with a credit card. Reservations should be made prior to Wednesday, September 28, 2023. Room block will no longer be available after this date.

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

Register at [Hoag.org/AdvEchoConf](https://www.hoag.org/AdvEchoConf)