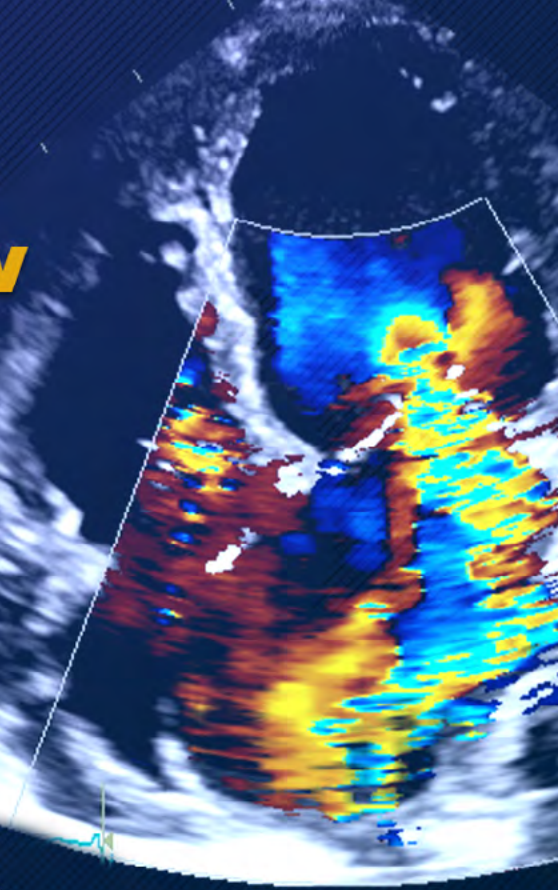
11th Annual

Houston Echo Review

Boot Camp for 2020 Echo Board

texasheart.org/echo



APRIL 2-4, 2020

MARRIOTT MEDICAL CENTER

CME MOC ACCREDITED — UP TO 22.50 MOC POINTS

Presented in coordination with The Greater Houston Society of Echo Vascular and offered in cooperation with the American Society of Echocardiography. All or a portion of this educational activity may meet the CME requirement for IAC Accreditation.

TEXAS HEART® INSTITUTE

ASE American Society of Echocardiography

GHSEV GREATER HOUSTON SOCIETY OF ECHO-VASCULAR

IAC INTERSOCIETAL ACCREDITATION COMMISSION ECHOCARDIOGRAPHY

OVERVIEW

The Houston Echo Review is a three-day course of lectures, interactive discussions, and case presentations designed to prepare cardiovascular specialists for the National Board of Echocardiography (NBE) examinations. The first day will cover Cases that focus on New Directions & Techniques of Echocardiography; topics cover, but are not limited to, adult congenital and structural heart disease, AHF, cardiac oncology, complex valve, mechanical circulatory support and adult congenital echocardiography. The course will be a fast-paced review of topics similar to those covered in the ASCexam scheduled for July 2020. The scope of the review is designed to be extensive enough for attendees to be able to identify their areas of strengths and potential weaknesses when designing their own subsequent self-study program in preparation for the NBE exam. Attendees may discover that they would additionally benefit from a more extensive multi day review course. For these reasons, the course is scheduled approximately 90 days prior to the NBE examination. The course will provide an overview of echo lab quality improvement (QI).

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OBJECTIVES

At the conclusion of each lecture in the series, the participant should be able to:

- Recognize the morphological features of the disease process under discussion based on two-dimensional and M-mode echocardiography as well as the basic clinical applications of newer modalities including three-dimensional imaging and speckle tracking modalities.
- Cite the most important two-dimensional echo quantitative methods clinically applicable to the cardiovascular disease under discussion.
- Apply and/or be able to refer to the most appropriate methods for Doppler assessment and quantitative methods of the cardiovascular disease process under discussion.
- Improve the quality and efficiency of echocardiography laboratories, which will lead to improved patient care after review of recommended Quality Improvement metrics for laboratories.
- Recognize a spectrum of cardiovascular pathological conditions, including those mentioned above by being presented with up to 100 rapid-paced clinical recognition cases
- Explain cardiac anatomy and pathology by both transesophageal and transthoracic echo imaging as these, along with stress echocardiography will be incorporated into the didactic and case-based learning components of the exam.
- Improve their ability to incorporate physics of ultrasound material into their clinical use of echocardiography.
- Identify areas of weakness that may be better addressed by targeted self-study including a slower paced and more in-depth formal echocardiography review course.

ACCREDITATION AND CREDIT DESIGNATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Texas Heart Institute and the Greater Houston Society of Echocardiography. Texas Heart Institute is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Texas Heart Institute designates this live activity for a maximum of 23.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

An evaluation form sent via email will provide each participant with the opportunity to review the speakers and their presentations, to identify educational needs, and to comment on any perceived commercial or promotional bias in the presentation.

ABIM MOC CREDIT

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 23.0 Medical Knowledge MOC points 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 credit.

AGENDA

Thursday, April 2nd

9:00am Registration & Breakfast

SESSION I – IAC Workshop

10:00 **Welcome**
Raymond Stainback, MD, FACC, FASE

10:10 IAC Workshop
Lab Structure
Raymond Stainback, MD

The Standards
Beverly Gorman, RDCS

Image Optimization I
Leticia Vasquez-Mendoza

Image Optimization II & Lab Operations
Pamela Burgess, ACS, BS, RDCS, RDMS, RVT, FASE

What to Submit
Triston Thompson, RDCS

12:00PM **Lunch**

SESSION II - Echo Intro & Cases Read with the Experts: New Directions & Techniques – Case Studies

12:30 Adult Echocardiography

- Advanced Heart Failure/ Mechanical Circulatory Support
- Cardiac Oncology
- Cardiac Unknowns
- Complex Valve
- Structural Heart Disease

Panel: Basant Arya, MD; Shamim Badruddin-Mawji, MD, FACC; Jose Banchs, MD; Enrique Garcia-Sayan, MD, FACC, FASE; *Raymond Stainback, MD, FACC, FASE; Karla Kurrelmeyer, MD

2:30 Adult Congenital Echocardiography

Panel: Wilson Lam, MD; Peter Ermis, MD; Dhaval Parekh, MD; Angeline Opina, MD; Shivani Aggarwal, MD

4:30 PM **Cocktail Reception**
27th Floor CHI St. Luke's Medical Tower Aerial Visual Tour of the Texas Medical Center with Dr. Stainback

Friday, April 3rd

7:00AM **Registration & Breakfast**

8:00 **Introductions**
Raymond Stainback, MD, FACC, FASE

8:10 **Initial "Quiz"**
Ihab Hamzeh, MD (Moderator)

8:30 **Chamber Quantification**
Miguel Quinones, MD, FASE

9:00 **LV Diastolic Function**
Miguel Quinones, MD, FASE

9:30 **Aortic Stenosis & Mitral Stenosis**
Raymond Stainback, MD, FACC, FASE

10:10 **Cardiac Masses Including Primary and Secondary Tumors of the Heart**
Kara Thompson, MD, FACC

10:40 **Break & Visit Exhibits**

10:55 **Stress Echo for Structural Heart Disease: Valves, HCM, Diastolic Stress**
Susan Wilansky, MD

11:30 **Case Presentation: Diastology & Valves**
Susan Wilansky, MD

12:00PM **Lunch with "Quiz"**
Ihab Hamzeh, MD (Moderator)

1:00 **Right Ventricular Function & Pulmonary Hypertension**
Lily Zhang, MD

1:25 **Cardiomyopathies**
Stephanie Coulter, MD, FACC

1:55 **Contrast Agents: Background & Implementation**
Pamela Burgess, ACS, BS, RDCS, RDMS, RVT, FASE

2:25 **Endocarditis**
Sheila Heinle, MD

2:55 **Stress Echocardiography for Coronary Artery Disease**
Arunima Misra, MD

3:20 **Break & Exhibits**

3:40 **Mitral Regurgitation**
Enrique Garcia-Sayan, MD, FACC, FASE

4:05 **Aortic Regurgitation**
William Zoghbi, MD, FASE, MACC

4:25 **Prosthetic Valve Assessment**
William Zoghbi, MD, FASE, MACC

4:45 **Strain Assessment: Cardio-Oncology and Other Ready for Prime Time Uses**
Juan Carlos Plana, MD

5:15 **Unknown Cases #1**
Shamin Badruddin-Mawji, MD, FACC & Raymond Stainback, MD, FACC, FASE

6:00PM **Evening Concludes**

Saturday, April 4th

7:00AM **Registration & Breakfast**

7:30 **Unknown Cases #2**
Raymond Stainback, MD, FACC, FASE

7:50 **"Simple" Congenital Heart Disease: ASD, VSD, Ebstein's Anomaly, PDA**
Peter Ermis, MD

8:10 **"Complex" Congenital Heart Disease**
Dhaval Parekh, MD

8:30 **Physics of Ultrasound – Select Pearls for the Board**
Sidney Edelman, PhD (Pre-recorded)

9:00 **Mechanical Circulatory Support (LVADs)**
Raymond Stainback, MD, FACC, FASE

9:30 **Unknown Cases #3**
Raymond Stainback, MD, FACC, FASE

10:00 **Break & Exhibits**

10:20 **Pericardial Disease**
Ihab Hamzeh, MD

10:50 **Tricuspid & Pulmonary Valve Disease**
Raymond Stainback, MD, FACC, FASE

11:20 **Point of Care Cardiovascular Ultrasound: How, What, When & Where**
Basant Arya, MD

11:50 **Coronary Artery Disease: Complications of Myocardial Infarction**
Joseph Navarijo, MD, FACC

12:20 **Lunch with "Quiz"**
Ihab Hamzeh, MD (Moderator)

1:20 **TEE for Percutaneous Intracardiac Interventions: ASD/PFO, LA Appendage, TAVR, MV**
Srikanth Koneru, MD, FRACP, FACC

2:00 **Diseases of the Aorta**
Basant Arya, MD

2:30 **M-mode Echocardiography**
Salim Virani, MD, PhD

2:50 **Break & Visit Exhibits**

3:00 **Board Questions & Cases #1**
Lily Zhang, MD

3:30 **Board Questions & Cases #2**
Ihab Hamzeh, MD

4:00 **Board Questions & Cases #3**
TBD

4:30 **Question and Answer Session**

4:45PM **Adjourn**

REGISTRATION

Last Name: _____ First Name _____

Title: _____ o MD o PhD o DO o RN o Other _____

Specialty: _____

Affiliation/Institution: _____

Address: _____

City, State/Province _____ Postal Code/Country _____

Telephone _____ Fax _____

E-mail *o Subscribe me to cme-news newsletter (email address required)*

_____

Registration fee includes all course materials, breakfast, lunch, and afternoon break.

☐ Physician/Scientist:	$700
☐ ASE Physician/Scientist Member:	$560
☐ Non-Physician: (Cardiovascular Sonographer/Nurse/Student)	$300
☐ ASE Non-Physician Member: (Cardiovascular Sonographer/Nurse/Student)	$240
☐ Fellows & Residents:	$350
☐ GHSE Members:	$300

☐ I am attending the 27th Floor Cocktail Reception on Thursday, April 2, 2020

o *Please indicate if you need special assistance. You will be contacted by a staff member.*

o Visa o MasterCard o AmEx o Discover

Account # _____ Exp. Date _____

Mail registration form and fee to:
Texas Heart Institute
Office of Continuing Medical Education, MC 3-276
P.O. Box 20345
Houston, TX 77225-0345

Phone: 832-355-9100 | Fax: 832-355-9799 | E-mail: cme@texasheart.org

CANCELLATION POLICY

All symposium cancellations must be received in writing by Friday, March 27, 2020. No refunds will be made after this date. A $75 processing fee will be assessed for each cancellation. No refund will be made for those who register but do not attend. Texas Heart Institute reserves the right to cancel this symposium if registration is deemed insufficient.

LOCATION AND PARKING

The symposium will be held at the Houston Marriott at the Texas Medical Center. The address is 6580 Fannin Street, Houston, Texas 77030. The meeting room is located on the 3rd floor of the hotel.

A block of guestrooms has been reserved with special course rates at the Marriott Hotel. To ensure accommodations at the discounted rate, please make your reservations by March 16, 2020. A link for discounted reservations are also available online at texasheart.org/echo.

Parking is included within your registration fees for self-parking only. The Marriott Hotel self-parking is located in the Scurlock Towers garage entrance on 6535 Main Street.