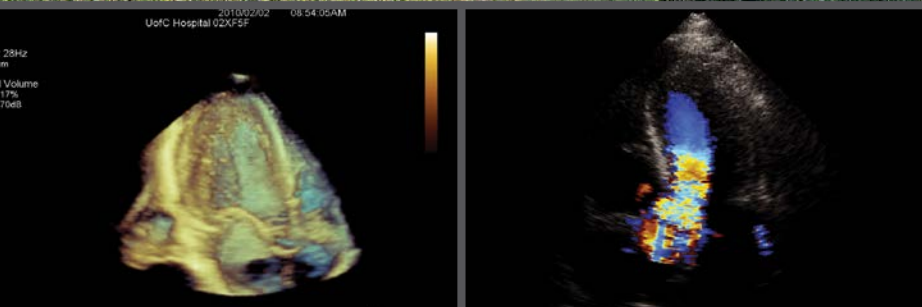


ECHO HAWAII

27th ANNUAL



ADVANCE PROGRAM

January 23-27, 2017

**Hapuna Beach Prince Hotel
Kohala Coast, Big Island, HI**

Course Director

Thomas Ryan, MD, FASE
Past President, ASE
The Ohio State University, Columbus, OH

Co-Director

Neil J. Weissman, MD, FASE
Past President, ASE
MedStar Health Research Institute, Washington, DC

Register now at ASEcho.org/EchoHawaii



Jointly provided by the American Society of Echocardiography and the American Society of Echocardiography Education and Research Foundation, and held in cooperation with the Canadian Society of Echocardiography.

Program Information

Overview of Echo Hawaii

Echo Hawaii presents the latest information on established and emerging cardiovascular ultrasound technologies. Expert U.S. and international faculty discuss state-of-the-art technologies with a particular focus on how they can be effectively applied in the clinical setting. Case-based approaches are used to discuss new and established applications of echocardiography for diagnosis and guiding management in patients with a broad array of cardiovascular conditions. Topics include: advanced assessment of systolic and diastolic function, 3D/4D imaging, adult congenital heart disease and contemporary approaches to valve disease, guidance of interventional procedures, contrast echocardiography, ischemic heart disease and aortic pathology. When appropriate, multimodality imaging is also covered. Special sessions include workshops on perioperative and critical care and 3D echocardiography.

Learning Objectives

Upon completion of this program, participants will be better able to:

- Integrate echocardiographic information in clinical decision making.
- Assess ventricular and valvular function using Doppler hemodynamics.
- Describe Doppler assessment of diastolic function/dysfunction.
- Explain new advances in the echocardiographic assessment of left and right ventricular function.
- Integrate echocardiographic assessment of cardiomyopathies and systemic diseases in patient management.
- Define clinical uses of TEE and 3D echocardiography.
- Recognize how echocardiography is used to help manage patients with ischemic heart disease.
- Recognize the role of echo contrast and be able to incorporate its use in the echo laboratory.
- Integrate echo information in the management of complex valvular heart disease.
- Explain the role of echocardiography in the perioperative and critical care environment.

“This is a phenomenal course primarily because the faculty make it exciting and stimulating. Nice balance between the routine and the ‘cutting edge.’”

2015 Echo Hawaii Attendee

Who Should Attend

This course is designed for adult cardiologists, critical care specialists, cardiovascular surgeons, cardiovascular anesthesiologists, fellows in training, cardiovascular sonographers, internists, and intensive care specialists with special interest in echocardiography.

Course Registration

Registration fees include breakfasts, lunches, refreshment breaks, the networking reception, access to course materials, and CME credit. ASE members can take advantage of reduced registration fees as a benefit of membership. Register online at ASEcho.org/EchoHawaii.

ASE Membership

Nonmember registrants for the 27th Annual Echo Hawaii course will receive a complimentary American Society of Echocardiography (ASE) membership through December 31, 2017, with their registration. Nonmember registration is only available to new ASE members. ASE serves its members in numerous ways by providing education, advocacy, research, practice guidelines, and a community for their profession. ASE membership includes over \$750 of FREE CME credits a year, in addition to discounts on all ASE educational courses and products. Also included is a monthly subscription to the *Journal of the American Society of Echocardiography* (JASE), help with legislative coding and reimbursement issues, and other career resources. A plethora of online tutorials, webinars, and other educational activities make membership beneficial to echocardiographers located around the world. View the extensive list of member benefits at ASEcho.org.

Accreditation and Designation

The American Society of Echocardiography is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Society of Echocardiography designates this live activity for a maximum of 24.75 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Successful completion of this CME activity enables the participant to earn up to 24.75 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.





Accommodations and Lodging Information

On white-sand Hapuna Beach, this upscale golf resort hotel is 11.5 miles from downtown Waimea and 12.9 miles from Lapakahi State Historical Park. Airy rooms come with ocean views, balconies, free WiFi and flat-screen TVs, as well as minifridges and coffeemakers. ASE attendees also receive free access to the fitness center and discounts on greens fees at the two resort golf courses. The Hapuna Beach Prince Hotel is located at 62-100 Kauna'oa Drive, Kamuela, Hawaii on the Kohala Coast on the Big Island of Hawaii. It is located approximately 30 minutes from the Keahole-Kona International Airport. For your convenience, ASE has secured a block of rooms at a discounted rate for attendees at the Hapuna Beach Prince Hotel. To make your reservations, please contact the hotel directly at 800-882-6060 or email reservations@princehawaii.com. Please specify you are with the American Society of Echocardiography Echo Hawaii to secure these group rates.

Room Categories for the Hapuna Beach Prince Hotel

- Terrace View: \$235
- Partial Ocean View: \$250
- Ocean View: \$285
- Ocean Front: \$250
- Ocean Suite: \$299

The hotel room block is scheduled to be held until Thursday, December 22, 2016, but may be sold out before this date. Therefore, we advise you to register for the program and reserve your lodging as soon as possible. Please be sure to ask about any additional hotel fees, early departure fees, or cancellation penalties. Check-in time is 3:00 pm.

As a guest at Hapuna Beach Prince Hotel, you also have access to the resort activities offered at the Mauna Kea Resort.

Located on the Big Island, this location offers everything you desire like dependable sunshine, superb sandy beaches, warm turquoise fish-filled waters, swaying coconut palms, and pristine rain forests. A few Big Island attractions include Volcanoes National Park, Parker Ranch, Mauna Kea Observatory, Waipio Valley, Akaka Falls, and Hapuna Beach State Park.

Poster Presentations

You are invited to submit your original basic or clinical research to be considered for poster presentation. On Wednesday evening, January 25, 2017, posters will be displayed on a terrace overlooking the ocean during a beautiful sunset reception, and members of the faculty will moderate your work. This allows you an opportunity to briefly present the key findings of your work to both faculty and attendees. Abstract submission will open Thursday, September 1, 2016, and close Tuesday, November 1, 2016. Accepted abstract presenters will receive a \$100 discount on their registration. Visit ASEcho.org/EchoHawaii for more details.

Invited Faculty

Course Director

Thomas Ryan, MD, FASE

Past President, ASE
The Ohio State University
Columbus, OH

Co-Director

Neil J. Weissman, MD, FASE

Past President, ASE
MedStar Health Research Institute
Washington, DC

Invited Faculty

William F. Armstrong, MD

University of Michigan
Ann Arbor, MI

Frederico M. Asch, MD, FASE

MedStar Washington Hospital
Washington, DC

Anthony N. DeMaria, MD, FASE

Past President, ASE
University of California San Diego
San Diego, CA

Jennifer A. Dickerson, MD

The Ohio State University
Columbus, OH

Hisham Dokainish, MD, FASE

McMaster University
Hamilton, Ontario, Canada

Nowell Fine, MD, FASE

University of Calgary
Calgary, Alberta, Canada



Jonathan R. Lindner, MD, FASE

Oregon Health Science University
Portland, OR

Jane E. Marshall, BS, RDCS, FASE

Massachusetts General Hospital
Boston, MA

Satoshi Nakatani, MD, PhD

Osaka University
Osaka, Japan

Jae K. Oh, MD, FASE

Mayo Clinic
Rochester, MN

Maryellen H. Orsinelli, RN, RDCS, FASE

The Ohio State University
Columbus, OH

Sung-Ji Park

Samsung Medical Center
Seoul Republic of Korea

Michael H. Picard, MD, FASE

Past President, ASE
Massachusetts General Hospital
Boston, MA

David Prior, MBBS, PhD, FASE

St. Vincent's Hospital
Melbourne, Victoria, Australia

Vera H. Rigolin, MD, FASE

President Elect, ASE
Northwestern Medicine
Chicago, IL

Lawrence G. Rudski, MD, FASE

Jewish General Hospital
Montreal, Quebec, Canada

Sangeeta B. Shah, MD, FASE

Ochsner Heart and Vascular Institute
New Orleans, LA

Madhav Swaminathan, MD, FASE

Duke University Medical Center
Durham, NC

James D. Thomas, MD, FASE

Past President, ASE
Northwestern Medicine
Chicago, IL

Schedule of Events

SUNDAY, JANUARY 22, 2017

4:00 –
6:00 PM **Registration**

MONDAY, JANUARY 23, 2017

6:30 AM **Registration
Breakfast and Visit Exhibits**

ECHO IN VALVE DISEASE

7:00 AM **Welcome**
T. Ryan, N. Weissman

7:10 AM **Hemodynamics and General Principles**
F. Asch

7:30 AM **Aortic Stenosis: Going Beyond Gradient**
J. Thomas

7:50 AM **Valvular Regurgitation: Can We do Better Than Color Doppler?**
D. Prior

8:10 AM **A Practical Approach to Prosthetic Valves**
S. Park

8:30 AM **Percutaneous Approaches to Aortic and Mitral Valve Disease**
J. Thomas

8:50 AM **Constriction and Restriction**
J. Oh

9:10 AM **Question and Answer**
All

9:30 AM **Refreshment Break and Visit Exhibits**

9:50 AM **Rare and Exotic Causes of Valvular Heart Disease**
S. Park

10:10 AM **Case Studies in Complex Endocarditis**
V. Rigolin

10:30 AM **The Forgotten Valves: Tricuspid and Pulmonic Valve Pathology**
L. Rudski

10:50 AM **Incorporating Valve Guidelines into Clinical Practice**
J. Thomas

11:10 AM **Complex Valve Cases**
M. Orsinelli, N. Fine, J. Dickerson

11:40 AM **Question and Answer**
All

12:00 PM **Adjourn**

5:00 –
6:30 PM **3D Echo: Case Studies in Valvular Heart Disease**
H. Dokainish, J. Marshall, T. Ryan

6:30 –
7:30 PM **Welcome Reception featuring heavy hors d'oeuvres, cocktails, and live entertainment**

TUESDAY, JANUARY 24, 2017

6:30 AM **Registration
Breakfast and Visit Exhibits**

LEFT VENTRICULAR FUNCTION, CORONARY ARTERY DISEASE, AND CONTRAST

7:00 AM **Basic Physiology and New Approaches to Left Ventricular Function**
M. Picard

7:20 AM **Interventions in Adult Congenital Heart Disease: Role of Echo**
S. Shah

7:40 AM **Basics of Contrast Echo**
M. Orsinelli

8:00 AM **What You Should Know About Perfusion Imaging**
J. Lindner

8:20 AM **Getting the Most Out of Stress Echo**
T. Ryan

8:40 AM **Stress Echo Cases**
W. Armstrong

9:00 AM **Question and Answer**
All

9:20 AM **Refreshment Break and Visit Exhibits**

9:40 AM **When Does 3D Echo Make a Difference?**
A. DeMaria

10:00 AM **Echo in Atrial Fibrillation (and Other Arrhythmias)**
M. Picard

10:20 AM **Handheld Echo as an Extension of the Echo Lab**
A. DeMaria

10:40 AM **Point-of-Care Echo: NOT an Extension of the Echo Lab**
N. Weissman

11:00 AM **Difficult Cases in Coronary Artery Disease and Stress Echo**
D. Prior

11:20 AM **Question and Answer**
All

12:00 PM **Adjourn**

“The conference presenters were very knowledgeable and I learned so much.”

2015 Echo Hawaii Attendee

Schedule of Events

WEDNESDAY, JANUARY 25, 2017

6:30 AM	Registration Breakfast and Visit Exhibits
PERIOPERATIVE AND CRITICAL CARE ECHO	
8:00 AM	Echo for the Assessment of Acute Chest Pain? <i>H. Dokainish</i>
8:25 AM	Coronary Artery Bypass Grafting: Monitoring Patients and Detecting Complications <i>M. Swaminathan</i>
8:50 AM	Diseases of the Aorta <i>D. Prior</i>
9:15 AM	Pulmonary Arterial Hypertension and Pulmonary Embolism: Role of Echo <i>L. Rudski</i>
9:40 AM	Intraoperative Echo: When to Go Back on Pump <i>M. Swaminathan</i>
10:00 AM	Question and Answer <i>All</i>

Refreshment Break and Visit Exhibits

10:20 AM	TAVR: When Things Go Wrong <i>F. Asch</i>
10:40 AM	Echo Emergencies <i>M. Picard</i>
11:00 AM	The Patient with Shock <i>M. Swaminathan</i>
11:20 AM	Question and Answer <i>All</i>
11:40 AM	Adjourn

3:30 – 5:00 PM	Workshop: Perioperative and Critical Care Cases <i>J. Marshall, M. Picard, M. Swaminathan</i>
5:00 – 6:00 PM	Poster Reception featuring heavy hors d'oeuvres and cocktails

THURSDAY, JANUARY 26, 2017

6:30 AM	Registration Breakfast and Visit Exhibits
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CARDIOMYOPATHY AND HEART FAILURE

8:00 AM	The Basics of Systolic Function <i>V. Rigolin</i>
8:20 AM	A Practical Approach to Diastole <i>J. Oh</i>
8:40 AM	The Patient with Heart Failure: When to Echo? <i>A. DeMaria</i>
9:00 AM	Hypertrophic Cardiomyopathy: Beyond Gradient and Wall Thickness <i>F. Asch</i>
9:20 AM	Complications of Myocardial Infarction: Critical Role of Echo <i>S. Nakatani</i>

9:40 AM	Question and Answer <i>All</i>
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Refreshment Break and Visit Exhibits

10:00 AM	Echo in Systemic Diseases: Sarcoid, Amyloid, etc. <i>J. Dickerson</i>
10:20 AM	Intraoperative Echo: Advanced Heart Failure and Ventricular Assist Devices <i>W. Armstrong</i>
10:40 AM	Adult Congenital Heart Disease: What All Echocardiographers Should Know <i>S. Shah</i>
11:00 AM	Cases in Cardiomyopathy and Heart Failure, Including Diastole <i>N. Fine</i>
11:20 AM	Question and Answer <i>All</i>
11:40 AM	Adjourn

FRIDAY, JANUARY 27, 2017

6:30 AM	Registration Breakfast and Visit Exhibits
7:00 AM	Early Bird Cases <i>Faculty</i>

MISCELLANEOUS BUT IMPORTANT

8:00 AM	Five Echo Diagnoses You Should Never Miss <i>W. Armstrong</i>
8:20 AM	Masses: A Multimodality Approach <i>J. Dickerson</i>
8:40 AM	Future of Contrast Echo: The Bat Lecture <i>J. Lindner</i>
9:00 AM	Cardio-Oncology From an Imaging Perspective <i>V. Rigolin</i>
9:20 AM	Refreshment Break and Visit Exhibits
9:40 AM	Role of Stress Echo in Valvular Heart Disease <i>S. Nakatani</i>
10:00 AM	Pericardial Disease and Tamponade <i>J. Oh</i>
10:20 AM	Pregnancy and Heart Disease <i>S. Shah</i>
10:40 AM	The Athlete's Heart: Role of Echo, Including Screening <i>N. Weissman</i>
11:00 AM	Final Cases from the Faculty <i>All Faculty</i>
12:00 PM	Adjourn



Register Online at ASEcho.org/EchoHawaii

January 23-27, 2017

Hapuna Beach Prince Hotel
Kohala Coast, Big Island, HI

Your Echo Hawaii registration fee includes breakfasts, one lunch, refreshment breaks, welcome reception, poster reception, access to course materials, and a maximum of 24.75 hours of CME credit. Register online for immediate confirmation at ASEcho.org/EchoHawaii.

Name: _____
FIRST NAME MIDDLE INITIAL LAST NAME
Credential: ☐ MD ☐ DO ☐ PhD ☐ RN ☐ RCS ☐ RDCS ☐ Other

Institution: _____

Email Address: _____
(All correspondence regarding your registration including your confirmation will be sent to this email address.)

Street Address: _____

City: _____ State/Province: _____ Zip/Postal Code: _____ Country: _____

Telephone: _____ Fax: _____

☐ If you need disability accommodations, please check here and advise us of your needs at least two weeks before the program.

Special Needs: ASE encourages participation by all individuals. If you have a disability or other specific needs, advance notification will help ASE to better serve you. Please contact ASE by email at echohawaii@asecho.org or telephone at 919-861-5574.

Special Dietary Needs: _____

Registration Fees	THROUGH DECEMBER 23, 2016	AFTER DECEMBER 23, 2016
ASE/CSE Physician Member	\$675	\$775
Physician Nonmember*	\$795	\$895
ASE/CSE Sonographer Member	\$550	\$650
Sonographer Nonmember*	\$650	\$750
ASE/CSE Fellows in Training**	\$455	\$555
Fellows in Training Nonmember**	\$555	\$655

Submit an abstract to be eligible for a \$100 discount on registration. Visit ASEcho.org/EchoHawaii for details.

Members of the Canadian Society of Echocardiography are eligible to register at the ASE Member rate.

* This registration fee includes ASE membership through December 31, 2017. Nonmember registration is only available to new ASE members.

** Registrants in the reduced fees category are required to submit proof of licensure or a letter written on official letterhead and signed by a department supervisor verifying status with registration form.

Payment Information

Payment must accompany this form.

☐ Check (payable to American Society of Echocardiography in U.S. dollars drawn on a U.S. bank)

Credit Card: ☐ Visa ☐ MasterCard ☐ American Express

Cardholder's Name: _____

Credit Card Number: _____ Expiration Date: _____

AMERICAN SOCIETY OF ECHOCARDIOGRAPHY INC, P.O. Box 890082, Charlotte, NC 28289-0082

Phone: 919-861-5574 • Fax: 919-882-9900 • Email: echohawaii@asecho.org • Website: ASEcho.org/EchoHawaii



ASE Foundation

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