

22nd Annual
Echo Hawaii

featuring **CONCERTO 2012**
"INTEGRATING ECHOCARDIOGRAPHY IN MEDICINE"

January 23 - 27, 2012

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

Course Directors

James D. Thomas, MD, FASE

Jonathan R. Lindner, MD, FASE

Course Co-Directors

Marti L. McCulloch, MBA, BS, RDCS, FASE

Jae Oh, MD, FASE

Peer-reviewed
posters again
in 2012!
Submissions
now open.



ASE American Society of
Echocardiography
Heart & Circulation Ultrasound Specialists

Register at www.asecho.org/EchoHawaii

Program Information

Overview of Echo Hawaii

Echo Hawaii and CONCERTO 2012 will present the latest information on established and emerging cardiovascular ultrasound technologies. Expert U.S. and international faculty discuss the strengths and limitations of established and emerging technologies and illustrate how these technologies can be used to improve patient care in an effort to provide clinicians with the information they need to select the best diagnostic procedure for patients with both acquired and congenital cardiovascular disease. Case-based approaches are used to discuss new and established uses of echocardiography for diagnosis and guiding management in patients with a broad array of cardiovascular conditions. Finally, abstract submissions will be peer-reviewed for a sunset poster presentation and judging by the faculty.

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.
- Integrate echocardiographic assessment of cardiomyopathies and systemic diseases in patient management.
- Define clinical uses of TEE and 3D echocardiography.
- Evaluate the usefulness and limitations of stress echocardiography.
- Recognize the safety of contrast echocardiography and methods to incorporate use of contrast in the echo laboratory.
- Identify the clinical benefits, diagnostic and prognostic value, and pitfalls of contrast echocardiography.
- Integrate echo information in the management of valvular heart disease.
- Use echocardiography to evaluate and manage adults with congenital heart disease.
- Identify the latest technological innovations in cardiac ultrasound.
- Define the relative role of echo compared with cardiac magnetic resonance, radionuclide imaging, and CT imaging in clinical practice.
- Summarize indications and follow-up for resynchronization therapy.
- Demonstrate comprehensive evaluation of heart failure.
- Describe disease differences between North America and Asia.

Who Should Attend?

This course is designed for adult and pediatric cardiologists, cardiovascular surgeons, cardiovascular anesthesiologists, cardiac radiologists, fellows in training, cardiovascular sonographers, cardiovascular nurse specialists, internists, intensivists, and emergency physicians with special interest in clinical cardiology and echocardiography.

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 30.25 *AMA PRA Category 1 Credits™*. Physician should claim only the credit commensurate with the extent of their participation in this activity.

ARDMS and CCI recognize ASE's certificates and have agreed to honor the credit hours toward their registry requirements for sonographers. This activity has been reviewed by the Intersocietal Accreditation Commission (IAC) and is acceptable for up to 30.25 hours of CME credit toward ICAEL laboratory accreditation requirements.

ASE is committed to ensuring that its educational mission and all sponsored educational programs are not influenced by the special interests of any corporation or individual, and its mandate is to retain only those speakers whose financial interests can be effectively resolved to maintain the goals and educational integrity of the program. While a monetary or professional affiliation with a corporation does not necessarily influence a speaker's presentation, the Essential Areas and policies of the ACCME require that any relationship that could possibly conflict with the educational value of the program be resolved prior to the educational session and disclosed to the audience. In accordance with these policies, ASE implemented mechanisms prior to the planning and implementation of this CME activity to identify and resolve conflicts of interest for all individuals in a position to control content.

Accommodations and Lodging Information

Situated on the sunny Kohala Coast, Hapuna Beach Prince Hotel has defined Big Island luxury since its opening in 1994. As the second phase in Rockefeller's creation of Mauna Kea Resort, the hotel property shares 1,839 acres of oceanfront paradise with the legendary Mauna Kea Beach Hotel. Perfectly nestled into the bluffs above the #1-rated Hapuna Beach, the hotel presents a flowing, contemporary Hawaiian style where guests experience the true essence of rejuvenation. All of the Hapuna Prince Hotel's oceanfront rooms have just undergone a complete refurbishment.

A predominant feature of Hapuna is the presence of a series of underground springs. In ancient times, during seasons of heavy rainfall these springs would bubble to the surface creating natural artesian fountains. The resultant streams would provide a source of respite and renewal for travelers along the otherwise dry and barren Kohala Coast. Thus the area was named "Hapuna" or "Spring of Life" in the Hawaiian language.

The Hapuna Beach Prince Hotel is located in the tropical paradise of the Mauna Kea Hotel 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 reservation, please contact the hotel directly at 800-321-6248 Monday-Friday, 6:00 am – 8:00 pm Hawaii Standard Time (HST) and Saturday-Sunday, 7:00 am – 5:00 pm HST.** Please specify you are with the American Society of Echocardiography (ASE) Echo Hawaii to secure our group rates.

Program Information

Room Categories for the Hapuna Beach Prince Hotel

Run of House:	\$189.00
Ocean View:	\$209.00
Premium Ocean:	\$219.00
Ocean Front:	\$289.00
Ocean Suite:	\$439.00

The hotel room block is scheduled to be held until Wednesday, January 4, 2012 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.

Registration Fees

Please note that your registration fee will be confirmed by email only.

One of the many benefits of being an ASE member is that ASE members are eligible to receive a reduced registration fee for Echo Hawaii, as well as for all ASE educational courses. If you are not currently a member and wish to become one, visit www.asecho.org/join.

Your Echo Hawaii registration fee includes four continental breakfasts, one light lunch, poster reception, welcome reception, 30.25 hours of CME credit and a memory stick containing course materials. Please see the registration form for the fee schedule.

Attendees and their guests are cordially invited to join the course faculty for the Welcome Reception on Monday, January 23, 2012 at 6:30 pm. This casual reception features live music, welcomes you to paradise and offers you the perfect opportunity to meet faculty, friends, and colleagues.

Cancellations

If you cancel your participation in Echo Hawaii 2012, your registration fee, less a \$100 administrative fee, will be refunded when written notification is received before Wednesday, January 4, 2012. No refunds will be made after Wednesday, January 4, 2012 or given for no-shows.

Registration for any ASE course is non-transferable to another participant or another course. In the unlikely event the course is cancelled, ASE is responsible only for refund of the registration fee, minus the administrative fee, and not for transportation, hotel accommodations, or any miscellaneous expenses incurred by the participant.

Poster Presentations

You are invited to submit your original basic or clinical research for poster presentations. On Wednesday evening, January 25, 2012, posters will be displayed in the meeting area, and members of the faculty will moderate your work. This allows you an opportunity to briefly present the key findings of your work. **Deadline for submission of an abstract is December 2, 2011. Abstract presenters will receive a \$100 discount on their registration. Visit www.asecho.org/EchoHawaii for more details.**



Course Directors

James D. Thomas, MD, FASE

President, ASE
Cleveland Clinic Foundation, Cleveland, OH

Jonathan R. Lindner, MD, FASE

Oregon Health & Science University, Portland, OR

Course Co-Directors

Marti L. McCulloch, MBA, BS, RDCS, FASE

Secretary, ASE
Methodist DeBakey, Heart & Vascular Center, The Methodist Hospital, Houston, TX

Jae Oh, MD, FASE

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Program Faculty

Namsik Chung, MD, FASE

Yonsei University College of Medicine, Seoul, Republic of Korea

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University of California at San Diego School of Medicine, San Diego, CA

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Brian Griffin, MD

Cleveland Clinic, Cleveland, OH

Margaret Park, BS, RDCS, RVT, FASE

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Patricia A. Pellikka, MD, FASE

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Thomas T. Porter, MD, FASE

Nebraska Medical Center, Omaha, NE

Brad J. Roberts, BS, RCS, RDCS, FASE

Baylor Research Institute, Dallas, TX

Thomas Ryan, MD, FASE

Ohio State University, Columbus, OH

Program Information

Greg M. Scalia, MBBS, FASE

Healthcare Partners, Auchen Flower, Queensland, Australia

Kevin Wei, MD

Oregon Health & Science University, Portland, OR

Kiyoshi Yoshida, MD, PhD

Kawasaki Medical School, Kurashiki City, Okayama, Japan

Guest Presenters

Jong-Won Ha, MD, PhD

Yonsei University College of Medicine
Seoul, Republic of Korea

Takeshi Hozumi, MD

Osaka City University Medical School
Osaka, Japan

Masumi Iwai-Takano, MD

Fukushima Medical University
Fukushima, Japan

Hae-Ok Jung, MD, PhD

Catholic University
Seoul, Republic of Korea

Jun Kwan, MD

Inha University Hospital
Inchon, Republic of Korea

Kikuko Obase, MD

Kawasaki Medical School
Kurashiki, Japan

Yoshihiro Seo, MD

University of Tsukuba
Tsukuba, Japan

Il-Suk Sohn, MD

Kyunghee University
Gwangju, Republic of Korea

Course Schedule

SUNDAY, JANUARY 22, 2012

5:00 pm - 6:00 pm **Registration**

MONDAY, JANUARY 23, 2012

6:30 am **Continental Breakfast and Visit Exhibits**

7:00 am **Registration**

7:30 am **Welcome and Introduction**

Course Directors: J. Thomas; J. Lindner
Course Co-Directors: M. McCulloch; J. Oh

Assessment of Systolic Function

Moderator: J. Thomas

7:40 am **Basic Assessment of Systolic Function: What Have Guidelines Taught Us?**
G. Scalia

8:00 am **Introduction to 3D and Use in Assessing Ventricular Function**
M. Picard

8:20 am **CONCERTO 2012 Session: Use of Contrast to Improve Quantification of Ventricular Function**
P. Grayburn

8:40 am **Strain and Strain Rate Imaging: Physical Principles and Practical Application**
J. Thomas

9:00 am **Assessment of the Right Ventricle: Application of New ASE Guidelines**
M. Park; P. Pellikka

9:20 am **Panel Discussion with Faculty**

9:40 am **Refreshment Break and Visit Exhibits**

Assessment of Diastolic Function

Moderator: J. Oh

10:00 am **Diastolic Heart Failure: Pathophysiological Insights and Clinical Challenges**
T. Ryan

10:20 am **Physics and Physiology of Diastolic Function**
N. Chung

10:40 am **How to Do a Diastolic Function Exam**
B. Roberts; G. Scalia

11:00 am **ASE/EAE Guidelines: What Are They and How Do They Work in the Practice?**
T. Porter

11:20 am **Diastolic Stress Test: What is it and What Does it Mean?**
J. Oh

11:40 am **Assessment of Atrial Size and Function**
M. McCulloch; A. DeMaria

12:00 pm **Panel Discussion with Faculty**

12:30 pm **Adjourn**

5:00 pm - 6:30 pm **Doppler Hemodynamic and Diastology Workshop**
Moderator: J. Oh
Speaker(s): M. Picard; T. Ryan; G. Scalia

6:30 pm - 8:00 pm **Welcome Reception featuring the unique musical styling of Joe Conti**

TUESDAY, JANUARY 24, 2012

6:30 am **Continental Breakfast and Visit Exhibits**

CONCERTO 2012 Contrast Program

Moderator: J. Lindner

7:00 am **Case Studies in Contrast: LVO**
Moderator: J. Lindner
Speaker(s): M. Picard; T. Porter; B. Roberts; K. Wei

8:00 am **Basics of Contrast Imaging: What You Need to Know to Get Going**
J. Lindner

8:20 am **Integration of Contrast in Your Lab: Safety, Consent and Flow**
K. Wei

Schedule of Events

8:40 am **Incremental Value of Contrast for Improved Endocardial Definition**
T. Porter

9:00 am **Refreshment Break and Visit Exhibits**

Valvular Heart Disease 2012

Moderator: B. Griffin

9:20 am **Brave New World: Percutaneous Valves and Mitral Clips**
P. Grayburn

9:40 am **Natural History of Aortic Valve Disease and Aortopathy: Is There Any Way to Alter It?**
B. Griffin

10:00 am **Comprehensive Assessment of Aortic Stenosis: Role of 3D, Stress and Other Modalities**
A. DeMaria

10:20 am **Special Aortic Stenosis Populations: The Asymptomatic Patient and Low Gradient Aortic Stenosis. When to Operate**
T. Ryan

10:40 am **Evaluation of Aortic Regurgitation: Quantitation, Reparability and the Use of Other Modalities**
J. Thomas

11:00 am **Comprehensive Assessment of Mitral Regurgitation: When to Intervene**
K. Yoshida

11:20 am **Guidance of Valve Repair: Role of 3D Echocardiography**
P. Grayburn

11:40 am **The Forgotten Valves: Pulmonary and Tricuspid Valve Disease - How Do We Evaluate?**
B. Griffin

12:00 pm **Panel Discussion with Faculty**

12:30 pm **Adjourn**

5:00 pm – 6:00 pm **Practical Workshop: How to Measure Strain and Torsion and Perform a 3D Echocardiogram**
Moderator: J. Thomas
Speaker(s): P. Grayburn; M. McCulloch; M. Park; B. Roberts; G. Scalia

6:00 pm – 6:30 pm **Quality – What it is and How to Maintain It**
Speaker(s): M. McCulloch; M. Park; B. Roberts

WEDNESDAY, JANUARY 25, 2012

11:30 am **Light Lunch and Visit Exhibits**

12:00 pm **Case Studies in Valvular Heart Disease**
Moderator: B. Griffin
Speaker(s): A. DeMaria; G. Scalia; J. Thomas; K. Yoshida

Valvular Heart Disease 2012 (Part 2)

Moderator: A. DeMaria

1:00 pm **Endocarditis: How to Treat and When to Operate**
T. Porter

1:20 pm **Prosthetic Valve Disease: Prevention, Diagnosis and Treatment**
P. Grayburn

1:40 pm **What You Need to Know to Guide Percutaneous Interventions**
G. Scalia

2:00 pm **Refreshment Break and Visit Exhibits**

Ischemic Heart Disease

Moderator: P. Pellikka

2:20 pm **Comparison of Echocardiography to Other Modalities for Patients with Coronary Artery Disease**
P. Pellikka

2:40 pm **Complications of Acute Myocardial Infraction**
J. Oh

3:00 pm **Multimodality Assessment of Left Ventricular Remodeling and Ischemic Mitral Regurgitation: Diagnostic and Prognostic Implications**
P. Grayburn

3:20 pm **CONCERTO 2012 Session: Assessment of Viability: Pharmacologic, Contrast, PET and Cardiovascular Magnetic Resonance**
J. Lindner

3:40 pm **Echo in the Emergency Department**
K. Wei

Congenital and Right Heart Disease

Moderator: T. Ryan

4:00 pm **Unrepaired Congenital Heart Disease: What You Must Recognize**
T. Ryan

4:20 pm **Assessing the Patient Following Congenital Repair**
T. Porter

4:40 pm **Pulmonary Hypertension: Assessing the Cause and Function of the Right Ventricle**
A. DeMaria

5:00 pm **Panel Discussion with Faculty**

5:30 pm **Adjourn**

5:30 pm – 6:30 pm **Poster Session and Reception**

THURSDAY, JANUARY 26, 2012

6:30 am **Continental Breakfast and Visit Exhibits**

CONCERTO 2012 Contrast Program

Moderator: J. Lindner

7:00 am **Case Studies in Contrast**
Moderator: K. Wei;
Speaker(s): J. Lindner; M. Picard; T. Porter

8:00 am **Stress Echocardiography: Diagnostic and Prognostic Implications and Role of Contrast Echocardiography**
P. Pellikka

8:20 am **Measuring Flow with Contrast Echo: How and Why?**
K. Wei

Schedule of Events

8:40 am **Niche Applications for Contrast: Cardiomyopathies, Masses and Microvascular Dysfunction**
J. Lindner

9:00 am **Common Contrast Artifacts and How to Deal with Them**
K. Wei

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

Heart Failure and Electrophysiologic Applications
Moderator: G. Scalia

9:40 am **Dyssynchrony Assessment: Is it Still of Value in 2012?**
J. Oh

10:00 am **Echo in Advanced Heart Failure**
M. Picard

10:20 am **Atrial Fibrillation: Role of Echocardiography in Direct Current Cardioversion, Pulmonary Vein Isolation and Assessing Atrial Function**
G. Scalia

10:40 am **CONCERTO 2012 Session: Takotsubo Syndrome: What is it and How Do We Treat It?**
K. Yoshida

11:00 am **Echocardiography in Systemic Diseases: Lupus, Vasculitis and More**
P. Pellikka

11:20 am **The New ACC/AHA Guidelines for Aortic Disease: Where Does Echocardiography Fit In?**
B. Griffin

11:40 am **Acute Aortic Syndromes: Dissection, Hematomas and Ulcers**
M. Picard

12:00 pm **Panel Discussion with Faculty**

12:30 pm **Adjourn**

Insights from East Asia: The Pacific Rim Symposium
Chair(s): N. Chung; J. Oh; K. Yoshida

4:00 pm **Coronary Flow Assessment by Doppler Echocardiography**
Speaker: Takeshi Hozumi

4:15 pm **Coronary Artery-Left Ventricular Fistula in a Patient with Takotsubo Cardiomyopathy Case Presentation**
Presenter: Il-Suk Sohn

4:25 pm **Diagnosis of Myocardial Ischemia using 3D Stress Echocardiography Case Presentation**
Presenter: Masumi Iwai-Takano

4:35 pm **Coronary Artery Disease Associated with Pulmonary Thromboembolism Case Presentation**
Presenter: Hae-Ok Jung

4:45 pm **3D Echocardiographic Evaluation of Mitral Regurgitation**
Speaker: Jun Kwan

5:00 pm **Validation of 3D Speckle Tracking Imaging Case Presentation**
Presenter: Yoshihiro Seo

5:10 pm **Echocardiographic Insight for the Treatment of Ischemic MR Case Presentation**
Presenter: Jong-Won Ha

5:20 pm **3D Transgastric View -The Best View for Understanding the Submitral Apparatus Case Presentation**
Presenter: Kikuko Obase

5:30 pm - 6:30 pm CONCERTO 2012 Contrast Program: Practical Workshop: Optimizing Contrast on Your Lab's System
Moderator: K. Wei
Speaker(s): P. Grayburn; M. McCulloch; M. Park; T. Porter; B. Roberts

FRIDAY, JANUARY 27, 2012

6:30 am **Continental Breakfast and Visit Exhibits**

7:00 am **Early Bird Cases**
Moderator: P. Pellikka
Speaker(s): N. Chung; T. Ryan; J. Thomas; K. Yoshida

Echo and Cardiomyopathies
Moderator: T. Ryan

8:00 am **Hypertrophic Cardiomyopathy: Beyond the Outflow Gradient**
J. Thomas

8:20 am **What's New in the Diagnosis and Treatment of Amyloidosis?**
G. Scalia

8:40 am **Cancer and the Heart: Effects of Radiation and Chemotherapy**
B. Griffin

9:00 am **Noncompaction and Other Cardiomyopathies: Diagnosis by Multimodality Imaging**
N. Chung

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

The Final Session
Moderator: M. Picard

9:40 am **Constriction: Paradoxical Diastolic Heart Failure**
J. Oh

10:00 am **CONCERTO 2012 Session: Cardiac Masses: Role of Echocardiography, Contrast, CT and Cardiovascular Magnetic Resonance Imaging**
T. Ryan

10:20 am **Assessing Source of Embolism and Atrial Septal Pathology**
K. Yoshida

10:40 am **Application of Appropriateness Criteria in Real Life: How Does it Impact Reimbursement?**
M. Picard

11:00 am **The MAI TAI Competition! (Mesmerized by All Interesting Cases: Time for Audience Interpretation)**

12:00 pm **Closing Remarks and Aloha!**

22nd Annual Echo Hawaii REGISTRATION FORM

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Your Echo Hawaii registration fee includes four continental breakfasts, one light lunch, poster reception, welcome reception, 30.25 hours of CME credit and a memory stick containing course materials.

Name: _____

First Name

Middle Initial

Last Name

Credential: MD DO PhD RN RCS RDCS Other

ASE Member Number: _____

Institution: _____

Email Address: _____

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

Which is your preferred mailing address? Work/Business Home

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:

ASE Physician Member (\$655) Physician Non-Member (\$795) ASE Sonographer Member (\$455)
 Sonographer Non-Member (\$595) ASE Fellows in Training* (\$455) Fellows in Training Non-Member* (\$595)

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

**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: _____

Card Number: _____ Expiration Date: _____

Register online and receive an immediate receipt! www.asecho.org/EchoHawaii

American Society of Echocardiography

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ASE Foundation

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REGISTER NOW!

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