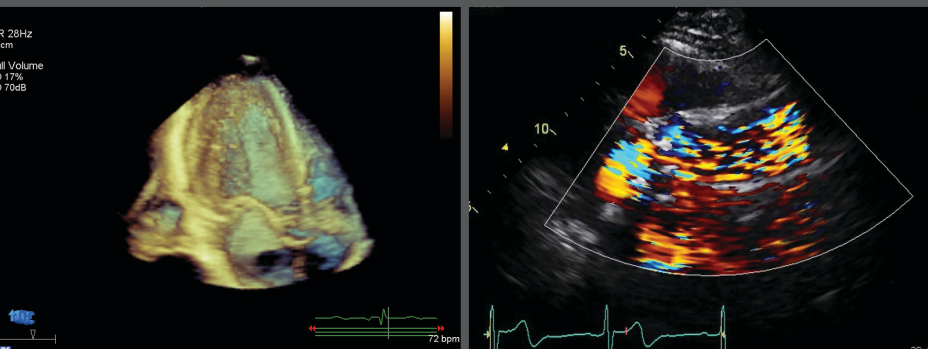


ECHO ASE ASEAN

1st INAUGURAL



October 23-25, 2015
Conrad Bangkok
Bangkok, Thailand

Course Director

Jonathan R. Lindner, MD, FASE
Oregon Health & Science University
Portland, OR

Course Co-Directors

James D. Thomas, MD, FASE
Past President, ASE
Northwestern Memorial Hospital
Chicago, IL

Kian-Keong Poh, MBBChir, FASE
National Heart Centre Singapore
Singapore

Featuring:

- Novel approaches for assessing ventricular systolic and diastolic function
- State of the art evaluation of valve disease
- Clinical application of 3-D echo, strain, echo and other new technologies
- Integrate echo information in the management of complex cardiovascular disease



Program Information

Overview of Echo ASE ASEAN

The aim of the Echo ASE ASEAN Symposium is to provide cardiovascular practitioners with information on state-of-the-art echocardiography technology. This international meeting is led by expert faculty from the United States and the countries comprising the ASEAN region who are leaders in how echocardiography can be effectively applied to improve clinical care. The faculty will focus on the latest cardiovascular ultrasound technologies. Case-based learning approaches will be used to highlight new and established uses 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, contemporary approaches to valve disease, guidance of interventional procedures, contrast echocardiography, ischemic heart disease, pericardial disease, and echo in arrhythmic disorders.

Objectives

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

- Integrate echocardiographic information in clinical decision making for patients with a broad array of cardiovascular disease.
- Explain advances in echocardiographic assessment ventricular function and dysfunction.
- Quantitatively assess valve disease and understand the role of echo in valve disease management.
- Comprehensively describe echocardiographic measures of diastolic function and their pitfalls.
- Effectively apply echocardiography in the assessment of patients with ischemic heart disease.
- Identify the role of echocardiography in the guiding interventional procedures and in the peri-operative setting.
- Integrate echocardiographic assessment of cardiomyopathies and systemic diseases in patient management.
- Define clinical uses of 3D and strain echocardiography.
- Recognize the role of echocardiographic contrast agents and incorporate their use in the echo laboratory.
- Explain the key role echo plays in the evaluation of patients with arrhythmias, pericardial disease, and cardiac masses.

Who Should Attend

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

Accreditation and 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 providership of the American Society of Echocardiography and the American Society of Echocardiography Education and Research Foundation. The American Society of Echocardiography is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Echocardiography designates this live activity for a maximum of 19.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ARDMS, CCI, and Sonography Canada recognize ASE's certificates and have agreed to honor the credit hours toward their registry requirements for sonographers.

All or a portion of this educational activity may meet the CME requirement for IAC Echocardiography accreditation.

The American Society of Echocardiography is committed to ensuring that its educational mission and all provided 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 relationships that could possibly conflict with the educational value of the program be resolved prior to the educational session and disclosed to the audience.

Accommodations and Lodging Information

The Conrad Bangkok is located at 87 Wireless Road, Phatumwan, Bangkok, Thailand. To secure your room at the Conrad Bangkok, please call +66 2 690 9999 and state that you will be attending the Echo ASE ASEAN program. Online Reservations are also available by [clicking here](#).

The room rate is THB 4,800 single / THB 5,300 double plus applicable taxes. Room rates include a daily buffet breakfast and in-room internet. The room block is scheduled to be held until September 30, 2015, 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. When you make your reservation, please be sure to ask about any additional fees, early departure fees or cancellation policies.

Course Cancellation

If you wish to cancel your participation in the 1st Annual Echo ASE ASEAN conference, your registration fee, less a \$100 administrative fee, will be refunded when written notification is received before September 23, 2015. No refunds will be made after September 23, 2015, or given for no-shows. Registration for any ASE course is non-transferable to another participant or another course. In the event an individual is unable to attend the conference due to inclement weather or chooses not to attend due to a health epidemic, ASE is unable to refund the conference fee. In the unlikely event the course is cancelled, ASE is responsible only for the refund of the registration fee, minus the administrative fee, and not for transportation, hotel accommodations or any miscellaneous expenses incurred by the participant.

Invited Faculty



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Portland, OR

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James D. Thomas, MD, FASE*
Past President, ASE
Northwestern Memorial Hospital
Chicago, IL

Kian-Keong Poh, MBBChir,
FASE* National Heart Centre
Singapore Singapore

Faculty:

Smonporn Boonyaratavej, MD
King Chulalongkorn Memorial
Hospital/Chulalongkorn University
Bangkok, Thailand

Zee Pin Ding, MD
National Heart Centre Singapore
Singapore

Steven A. Goldstein, MD
MedStar Washington Hospital
Washington, DC

Decho Jakrapanichakul, MD
Siriraj Hospital /Mahidol University
Bangkok, Thailand

Rungsrit Kanjanavanit, MD
Maharaj Nakorn Chiang Mai
Bangkok, Thailand

Roberto M. Lang, MD, FASE
Past President, ASE
University of Chicago
Chicago, IL

Lieng H. Ling, MD
National University Heart
Centre, Singapore
Singapore

Erwan Martanto, MD
Bandung, Indonesia

Michael Picard, MD, FASE
Past President, ASE
Massachusetts General Hospital
Boston, MA

Sarinya Puwanant*
Bangkok, Thailand

Oraporn See, MD, FASE
Ramathibodi Hospital
Bangkok, Thailand

Stanton K. Shernan, MD, FASE
Brigham and Women's Hospital
Boston, MA

Amiliana M. Soesanto, MD
National Cardiovascular Center
Harapan Kita
Jakarta, Indonesia

Lissa Sugeng, MD, MPH, FASE
Yale University
New Haven, CT

Syahidah Syed Tamin BA, MBBChir,
MRCP
Institute Jantung Negara
Kuala Lumpur, Indonesia

Khim Leng Tong MD, FASE
Changi General Hospital
Singapore

Edwin S. Tucay, MD
Philippine Heart Center
Manila, Philippines

*Planning Committee



Schedule of Events



Friday, October 23, 2015

6:45 am **Registration**

7:45 am **Welcome and Introduction**

Assessment of Systolic Function Chairs: Z. Ding, J. Thomas

8:00 am **The Physiology of Systole and Ventricular Performance**
J. Lindner

8:20 am **Approaches for Assessing LV Function and Their Pitfalls**
L. Sugeng

8:40 am **Right Ventricular Size and Function**
E. Tucay

9:00 am **Strain and Torsion Imaging**
J. Thomas

9:20 am **3D Assessment of Ventricular Function**
O. See

9:40 am **Patterns of Hypertrophy and Remodeling**
K. Poh

10:00 am **Question and Answer**

10:20 am **REFRESHMENT BREAK & VISIT EXHIBITS**

Advanced Clinical Topics Chairs: S. Goldstein, E. Tucay

10:50 am **Cardio-oncology: The Intersection of Cancer and the Heart**
L. Ling

11:10 am **Evaluation of Patients on LVAD and ECMO**
M. Picard

11:30 am **Echo and the Athlete's Heart**
K. Tong

11:50 am **Question and Answer**

12:10 pm **LUNCH AND VISIT EXHIBITS**

Valve Disease I

Chairs: D. Jakrapanichakul, R. Lang

1:20 pm **Comprehensive Echo Assessment of Aortic Stenosis**
Z. Ding

1:40 pm **Low Gradient Aortic Stenosis and the Role of Stress**
M. Picard

2:00 pm **Quantitative Approaches to Aortic Regurgitation**
E. Martanto

2:20 pm **Intra-operative and Procedural Guidance of Aortic Interventions**
S. Goldstein

2:40 pm **Tricuspid Regurgitation: Evaluation and Treatment**
R. Kanjanavanit

3:00 pm **Question and Answer**

3:20 pm **REFRESHMENT BREAK & VISIT EXHIBITS**

Case Presentations Chair: S. Tamin

3:50 pm **Showcase on LV Function and Aortic Valve Disease**
Z. Ding, R. Kanjanavanit, K. Poh, S. Tamin

5:00 pm **ADJOURN**

Schedule of Events

Saturday, October 24, 2015

Diastolic Function

Chairs: L. Ling, M. Picard

8:00 am	Understanding Diastole and Its Contribution to Heart Failure <i>J. Thomas</i>
8:20 am	The Echo Diastolic Examination: Established and Emerging Methods <i>L. Ling</i>
8:40 am	The Physiology of Constriction & Restriction <i>M. Picard</i>
9:00 am	Assessment of Atrial Size and Function <i>D. Jakrapanichakul</i>
9:20 am	Question and Answer

9:40 am **REFRESHMENT BREAK & VISIT EXHIBITS**

Ischemic Heart Disease

Chairs: J. Lindner, K. Tong

10:10 am	Coronary Physiology and Flow-Function Relation: What the Imager Needs to Know <i>J. Lindner</i>
10:30 am	What's New in the Chamber Quantification Guidelines of 2015 <i>R. Lang</i>
10:50 am	Contrast Echocardiography <i>J. Lindner</i>
11:10 am	Myocardial Viability: Is it Still Alive? <i>S. Boonyaratavej</i>
11:30 am	Question and Answer

11:50 am **LUNCH & VISIT EXHIBITS**

Advanced Clinical Topics

Chairs: O. See, S. Shernan

1:00 pm	Echo in Systemic Diseases <i>R. Lang</i>
1:20 pm	Intra-operative Management of Volume and Function <i>S. Shernan</i>
1:40 pm	Cardiovascular Disease in Pregnancy: Role of Imaging <i>S. Tamin</i>
2:00 pm	Case Presentations: Advanced Hemodynamics and Contrast Echo <i>R. Kanjanavanit, J. Lindner, J. Thomas</i>

3:00 pm **REFRESHMENT BREAK & VISIT EXHIBITS**

Valve Disease II

Chairs: S. Goldstein, K. Poh

3:30 pm	Standard Echo Approaches to the Spectrum of Mitral Regurgitation <i>E. Martanto</i>
3:50 pm	Advanced Echo in MR: 3D and Stress <i>R. Lang</i>
4:10 pm	Endocarditis and the Evolving Role of Echo <i>S. Goldstein</i>
4:30 pm	Case Studies in Valve Disease and Question and Answer <i>M. Picard, S. Shernan, S. Tamin</i>

5:30 pm **ADJOURN**



Schedule of Events

Sunday, October 25, 2015

Heart Failure and Arrhythmia

Chairs: A. Soesanto, J. Thomas

- 8:00 am **3D and Strain Echo in Heart Failure**
L. Sugeng
- 8:20 am **Hypertrophic Cardiomyopathy**
J. Thomas
- 8:40 am **Infiltrative Cardiac Diseases**
S. Goldstein
- 9:00 am **Echo in Pulmonary Hypertension**
A. Soesanto
- 9:20 am **Imaging in Atrial Fibrillation**
L. Ling
- 9:40 am **Echo in Dyssynchrony - Is There a Role?**
M. Picard

10:00 am **REFRESHMENT BREAK & VISIT EXHIBITS**

Masses and Miscellany

Chairs: S. Boonyaratavej, R. Lang

- 10:30 am **Echo Hemodynamic Conundrums**
S. Goldstein
- 10:50 am **LV Masses - Is Differentiation Possible?**
R. Lang
- 11:10 am **Case Studies in Cardiomyopathy, Masses and Pericardial Disease**
D. Jakrapanichakul, R. Kanjanavanit, K. Poh

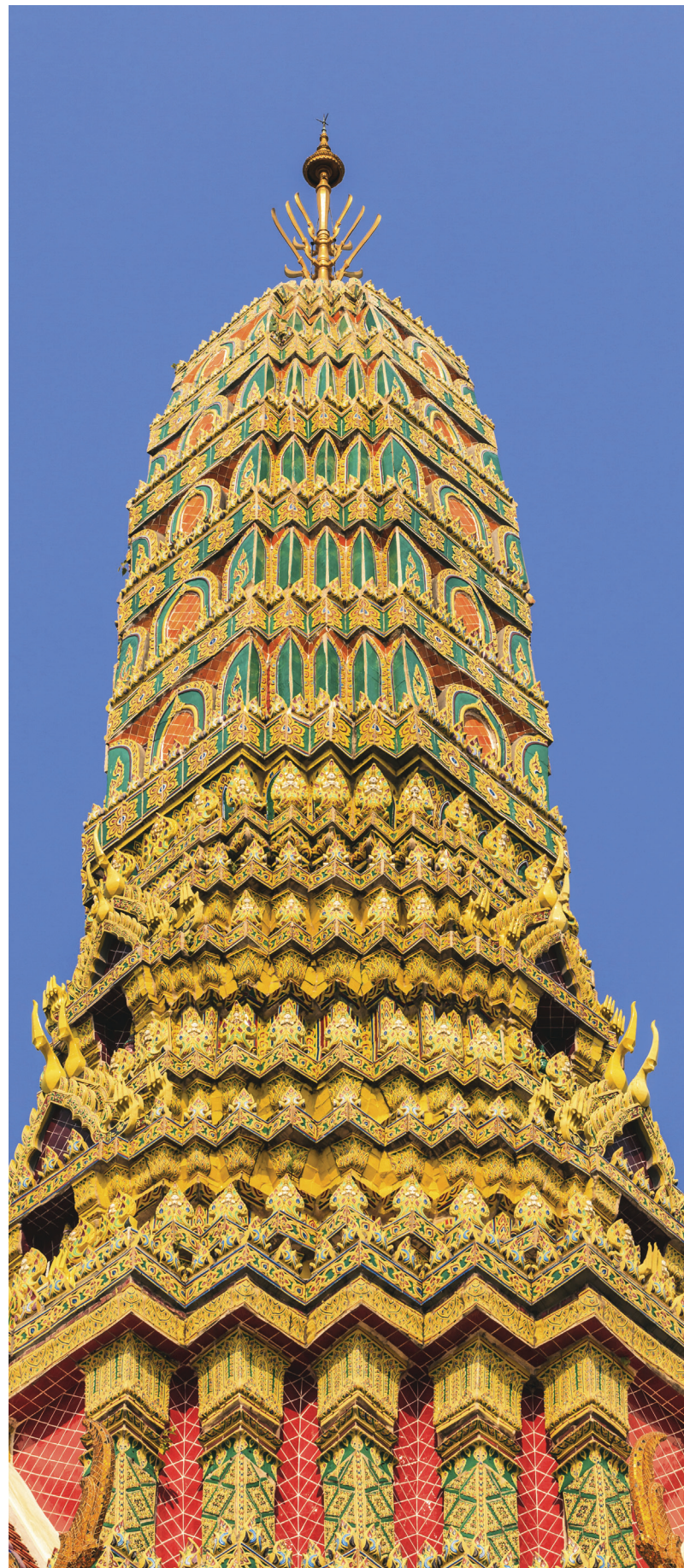
12:10 pm **LUNCH AND VISIT EXHIBITS**

The Prosthetics

- 1:20 pm **Assessment of ASDs and Closure Devices**
L. Sugeng
- 1:40 pm **Prosthetic Valve Evaluation**
A. Soesanto

- 2:00 pm **3D and Strain Live Imaging**
S. Boonyaratavej, R. Lang, O. See, L. Sugeng

3:00 pm **Adjourn**



ECHO ASEAN

Registration Form

October 23-25, 2015

Conrad Bangkok

Bangkok, Thailand

Your Echo ASE ASEAN registration fee includes CME credits, daily lunches, daily breaks and a memory stick containing course materials.

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.)

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 echoasean@asecho.org or telephone at (919) 861-5574.

Special Dietary Needs: _____

Registration Fees: Prior to September 23, 2015*

ASE/TSE Physician Member (\$475)

ASE/TSE Allied Health Member (\$325)

ASE/TSE Fellows in Training* (\$325)

Physician Non-Member (\$525)

Allied Health Non-Member (\$375)

Fellows in Training Non-Member* (\$375)

After September 23, 2015: ASE/TSE Physician Member-\$575; Nonmember Physician-\$625; ASE/TSE Allied Health Member-\$425; Nonmember Allied Health-\$475; ASE/TSE Fellows in Training Member-\$425; Nonmember/Fellow in Training-\$475.

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/ASEAN

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

Phone: 919-861-5574, Fax: 919-882-9900 • Email: echoasean@asecho.org, Web site: www.asecho.org/ASEAN

ECHO ASEAN

October 23-25, 2015

Conrad Bangkok

Bangkok, Thailand

Register now at
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AMERICAN SOCIETY OF ECHOCARDIOGRAPHY
40th ANNIVERSARY
established 1975