ASCeXAM/ReASCE REVIEW COURSE

The most comprehensive review to help you prepare for the NBE certification examinations.

FINAL PROGRAM

April 29 - May 2, 2017
Loews Philadelphia Hotel
Philadelphia, PA

Course Director
Roberto M. Lang, MD, FASE
Past President, ASE
University of Chicago Medical Center
Chicago, IL

Course Co-Director
Gerard P. Aurigemma, MD, FASE
University of Massachusetts Medical School
Worcester, MA

Featuring:
• Review Lectures
• Illustrative Cases
• Expert Faculty Advice
• Audience Response System
• Practice Board Exam Questions

Jointly Provided by ASE and the ASE Foundation
Welcome Message

Welcome to the 18th Annual ASCeXAM/ReASCE Review Course designed by the American Society of Echocardiography (ASE) as a preparatory course for the National Board of Echocardiography, Inc.™ (NBE) ASCeXAM® and ReASCE® examinations. This course will cover all aspects of cardiovascular ultrasound essential to these examinations, including physics, valvular heart disease, strain and 3D imaging, contrast echocardiography, ischemic heart disease, congenital heart disease, and more.

This year our expert faculty will walk you through multiple ASCeXAM questions at the end of each session. As, in other years, you will have the unique opportunity of interacting with and asking questions to our faculty.

The course will emphasize illustrative cases and faculty will use case studies, lectures, and interactive sessions to help prepare you for the ASCeXAM® or ReASCE® examinations. To enhance the learning experience, an audience response system and question and answer sessions will facilitate faculty interaction and self-guided learning.

The printed syllabus that you received at registration includes all the lectures released by faculty. If you would like additional information for your studies, you have the option to purchase a copy of the recorded lectures at a discounted rate while attending the course.

I hope you will take advantage of this opportunity to ask questions of the faculty and network with the other attendees and exhibitors. The Loews Philadelphia Hotel is located in the heart of the city and within walking distance to many attractions, including the Liberty Bell, Independence Hall, Love Park, and more. Please let me know if you need anything while you are here. I look forward to meeting and spending time with you in the coming days.

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University of Massachusetts Medical School
Worcester, MA

Faculty

Amr E. Abbas, MD, FASE
Beaumont Health System
Berkley, MI

David B. Adams, RCS, RDCS, FASE
Duke University Medical Center
Durham, NC

Sidney K. Edelman, PhD
ESP Ultrasound
The Woodlands, TX

Martin G. Keane, MD, FASE
Lewis Katz School of Medicine at Temple University
Philadelphia, PA

Itzhak Kronzon, MD, FASE
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New York, NY

Steven J. Lester, MD, FASE
Mayo Clinic
Scottsdale, AZ

Robert A. Levine, MD
Massachusetts General Hospital
Boston, MA

Sunil V. Mankad, MD, FASE
Mayo Clinic
Rochester, MN

Jae K. Oh, MD, FASE
Mayo Clinic
Rochester, MN

Pravin Patil, MD, FASE
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Michael D. Pettersen, MD
Rocky Mountain Pediatric Cardiology
Denver, CO

Sabrina D. Phillips, MD, FASE
Oklahoma Health Science Center
Oklahoma City, OK

Lawrence G. Rudski, MD, FASE
Jewish General Hospital
Cote St Luc, QC, Canada

Dennis A. Tighe, MD, FASE
University of Massachusetts Medical School
Worcester, MA
Overview of the ASCeXAM/ReASCE Review Course

The American Society of Echocardiography (ASE) has specifically designed the ASCeXAM/ReASCE Review Course as a preparatory course for the National Board of Echocardiography, Inc.™ (NBE) ASCeXAM® and ReASCE® examinations. Lectures given will emphasize illustrative cases and as such will not be “canned talks” from other cardiovascular ultrasound courses.

This Review Course will cover all aspects of cardiovascular ultrasound essential to these examinations, including, physics, valvular heart disease, strain and 3D imaging, contrast echocardiography, ischemic heart disease, heart failure, congenital heart disease, and more.

The expert faculty will use case studies, lectures, and interactive sessions to help prepare attendees for the ASCeXAM® or ReASCE® examinations. An audience response system and question and answer sessions will facilitate faculty interaction and self-guided learning.

The ASCeXAM/ReASCE Review Course gives attendees the unique opportunity to interact with and ask questions of the expert faculty. Attendees will be provided with a black & white printed syllabus and access to the presentation website. Both will include lectures released by faculty in a PowerPoint handout format. In addition, attendees have the option to purchase a copy of the authorized recorded lectures at a discounted rate.

Target Audience

This course is designed for physicians interested in sitting for the ASCeXAM® (Examination of Special Competence in Adult Echocardiography) or the ReASCE® (Recertification Examination of Special Competence in Adult Echocardiography), as well as physicians and sonographers interested in a broad review of cardiovascular ultrasound.

Learning Objectives

Upon completion of this course, participants should be better able to:

- Explain the essential physical principles of cardiac ultrasound.
- Recognize common ultrasound artifacts and their genesis.
- Estimate systolic function using standard M-mode and 2D echocardiography, as well as newer modalities such as strain imaging and 3D echocardiography.
- Identify and quantitate valvular heart disease severity.
- Describe the application of Doppler in the assessment of hemodynamics and diastolic function, and heart failure.
- Perform clinically relevant calculations of valve areas and intracardiac pressures.
- Explain proven techniques for interpreting stress echocardiographic examinations.
- Differentiate features of cardiac tamponade, constrictive pericarditis, and restrictive cardiomyopathy.
- List appropriate applications of echocardiography.
- Recognize newer applications of echocardiography such as myocardial contrast and 3D echocardiography.
- Explain the utility of Doppler echocardiography in disease of the Aorta.

Disclaimer

The information provided during this CME activity is for continuing education purposes only and is not meant to substitute for the independent medical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient’s condition.

Why take the ASCeXAM® or ReASCE® Examinations?

NBE administers the ASCeXAM® and ReASCE® examinations to allow physicians to test and demonstrate their knowledge of echocardiography based on an objective standard. The ASCeXAM® is the Examination of Special Competence in Adult Echocardiography and is intended for those who wish to demonstrate special competence in all areas of echocardiography. The ReASCE® is the Recertification Examination of Special Competence in Adult Echocardiography designed specifically for those who have previously passed the ASCeXAM®. The purpose of ReASCE® is to promote continued excellence in all areas of echocardiography.

Passing these examinations is mandatory when applying for and maintaining NBE certification in any or all of the following areas: transthoracic echocardiography, transesophageal echocardiography or stress echocardiography.

The examinations are given at testing centers throughout the United States. The test will consist of one case-oriented block and three multiple choice blocks covering the following content areas:

- physical principles of ultrasound;
- valvular heart disease;
- ventricular size and function, coronary artery disease, cardiomyopathies;
- congenital heart disease and fetal echocardiography;
- cardiac masses, pericardial disease, myocardial contrast, and newer applications of echocardiography.

Questions will test knowledge of M-mode, 2D and Doppler echocardiography, transesophageal, contrast, and stress echocardiography. The case-oriented block will last up to 1½ hours while the other three blocks will last up to 60 minutes per block.

More details concerning these examinations can be found on the NBE website at echoboards.org.
Accreditation & Designation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) 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 33 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 33 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.

Daily breakdown of CME credits:
Saturday, April 29 = 6 hours
Sunday, April 30 = 9.25 hours
Monday, May 1 = 10.25 hours
Tuesday, May 2 = 7.5 hours

The ACCME and the European Board of Accreditation in Cardiology (EBAC) recognize each other’s accreditation systems as substantially equivalent. To obtain EBAC credit for participation in this activity, submit evidence of participation directly to EBAC (www.ebac-cme.org).

The European Union of Medical Specialists (UEMS)-European Accreditation Council for Continuing Medical Education (EACCME) has an agreement of mutual recognition of continuing medical education (CME) credit with the American Medical Association (AMA). European physicians interested in converting AMA PRA Category 1 Credit™ into European CME credit (ECMEC) should contact the UEMS (www.uems.eu).

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.

This activity is eligible for Section 1 credits in the Royal College of Physicians and Surgeons of Canada’s Maintenance of Certification (MOC) Program. Participants must log into MAINPORT to claim this activity.

Disclosure

ASE is committed to ensuring that its educational mission and all 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. 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. Disclosure information is referenced and can be found on page 11 of this program.

How to Obtain CME

To claim your CME for ASCeXAM/ReASCE Review Course, please follow the steps below using your Mozilla Firefox, Google Chrome or Safari browser. Internet Explorer will not work. The deadline to claim credit is June 5, 2017.

1. ASE Members: Go to ASEcho.org and log on to the Member Portal with your username (email) and password.
   a. Click on ASEUniversity and CME Credits (This will take you directly to your ASEUniversity member profile).

2. Nonmembers: Go to ASEUniversity.org and create a new account or log into your existing account.

3. Once logged into ASEUniversity, the top of the page should say, “Hello,___.” Click “Your Account.”


5. Verify your registration information. Be sure to use the same information that you used to register for the event.

6. Once verified, click “Take Evaluation” to claim your CME credit. CME credits are not earned until the entire evaluation has been completed.
   a. Remember to enter your ABIM number and birthdate if you choose to have MOC points for this meeting submitted to ABIM. There is a space for this indicated on the first page of the evaluation.

7. Your certificate will be available for immediate download and can be found under “Your Account” in the “CE Transcript.”

Download the ASE Courses App and Test Your Knowledge with Practice Board Exam Questions

Use the free ASE Courses app to participate in the interactive question portion of each session. Go to Google Play or Apple Store and search for “ASE Courses.”
Attendee Information and Regulations

Registration Location and Hours
Attendee registration is located in the Regency Foyer, 2nd Floor Mezzanine.
Saturday, April 29, 2017 ......................... 9:30 AM – 6:30 PM
Sunday, April 30, 2017 ......................... 6:30 AM – 6:30 PM
Monday, May 1, 2017 ......................... 6:30 AM – 7:30 PM
Tuesday, May 2, 2017 ......................... 6:30 AM – 3:30 PM

Food Functions
On Saturday, April 29, there will be an afternoon refreshment break in the Regency Foyer, 2nd Floor Mezzanine (2M). ASE will provide breakfast and coffee breaks for registered attendees in the Regency Foyer, 2nd Floor Mezzanine (2M) from 6:30 AM until the start of the session on Sunday, Monday, and Tuesday mornings. Please refer to the program schedule for the times of the daily coffee breaks.
Lunch will be provided for attendees in the Millennium Hall, 2nd Floor, Sunday, April 30 through Tuesday, May 2. Lunch times vary, so please refer to the program schedule for times.

Loews Philadelphia Hotel Dining Options
Loews Philadelphia Hotel: The Loews Philadelphia Hotel is located in the heart of Center City Philadelphia and is within walking distance to all of the city’s major attractions, including the Liberty Bell, Independence Hall, Love Park, and more.
Bank & Bourbon: Right inside the Loews Philadelphia Hotel you will find one of the finest restaurants in the entire city. Bank & Bourbon is where traditional American fare and techniques are re-imagined and made totally new with a modern twist. The chef serves up a fresh take on American classics using seasonal, top-quality ingredients all sourced from local purveyors and artisans. Meanwhile, the Bourbon Master directs a unique barrel-aging program for bourbon, whiskey, and rye spirits. Open 6:30 AM – 10:00 PM.
The Lounge: The Lobby Lounge offers comfortable conversation areas with chic sofas and chairs. The ideal place to gather or to work, the Lobby Lounge has library tables equipped with outlets for your laptop or smartphone. It is also a great place to grab a drink or a small bite.

Internet Access
Attendees of the course receive complimentary internet in their guest rooms, the meeting room, and lobby at the Loews Philadelphia.

On-site FedEx
Located on the lobby floor, the center offers everything for your convention or business needs. Services include copying and digital printing, professional finishing, document creations, signs and graphics, faxing, computer and internet access, pack-and-ship services as well as handling and managing all guest parcels shipped to the hotel.

Cell Phone Use
Cell phones and tablets can be used to access the ASE Live Course app where you can submit your questions. For the consideration of faculty and other attendees, please remember to turn your cell phones and other electronic devices to vibrate mode.

Safety
Audience seating is on a first come, first served basis. According to fire code, a session must be closed if the room fills to capacity. Inappropriate behavior or undesirable conduct, including, but not limited to, verbal or physical abuse, whether threatened or performed, will not be permitted or tolerated. You must wear your name badge at all times when attending the session or events.

Photography/AV Policy
No person may record any portion of the 18th Annual ASCEXAM/ReASCE Review Course, either by video, still or digital photography, audio or any other recording or reproduction mechanism. This includes recording of presentations and supporting audio visual materials and of poster presentations and supporting poster materials.
Taking photos of, or recording the content of, presentation slides is also prohibited and is considered intellectual piracy. Attendees who ignore this policy will be asked to leave the educational session and are at risk of losing their name badge and attendance privileges. Photographs taken for the purpose of sharing on social media is allowed, but should avoid showing presentation slides. Please use #EchoReview when posting on social media.

ASE reserves the rights to all recordings or reproductions at ASE meetings. Please be aware that during the 18th Annual ASCEXAM/ReASCE Review Course, attendees, vendors, guests and exhibitors may be photographed or videotaped by ASE staff capturing the event. Some of these photographs or videos may be displayed by ASE in future publication or other materials. By virtue of your attendance, you agree to allow ASE to use photographs of you in its promotional materials.

Children
ASE does not offer childcare services. Due to limited seating capacity and the highly technical nature of this program, children are not allowed to attend the educational session. For their safety, children must be accompanied by an adult at all times when attending the course events.
**Course Schedule**

### Saturday, April 29, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Moderator</th>
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<tbody>
<tr>
<td>9:30 AM</td>
<td>Registration</td>
<td>Regency Foyer</td>
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<tr>
<td></td>
<td><strong>Moderator: R. Lang</strong></td>
<td>Regency Ballroom</td>
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<tr>
<td>12:00 PM</td>
<td>Welcome</td>
<td>Regency Foyer</td>
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<tr>
<td>12:05 PM</td>
<td>Overview of ASCeXAM</td>
<td>Regency Ballroom</td>
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<tr>
<td>12:20 PM</td>
<td>Normal Transthoracic/Transesophageal Examination</td>
<td>Regency Ballroom</td>
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<tr>
<td>1:05 PM</td>
<td>Echocardiographic Evaluation of the Left Ventricle, Right Ventricle, and Left Atrium</td>
<td>Regency Ballroom</td>
<td>M. Keane</td>
</tr>
<tr>
<td>1:50 PM</td>
<td>Guidelines for Chamber Quantification</td>
<td>Regency Foyer</td>
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</tr>
<tr>
<td>2:30 PM</td>
<td>Refreshment Break &amp; Visit Exhibits</td>
<td>Regency Foyer</td>
<td></td>
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<tr>
<td></td>
<td><strong>Moderator: G. Aurigemma</strong></td>
<td>Regency Ballroom</td>
<td></td>
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<tr>
<td>3:00 PM</td>
<td>Endocarditis and Its Complications: The Role of Echocardiography</td>
<td>Regency Ballroom</td>
<td>P. Patil</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>Echo-Doppler Assessment of Right and Left Ventricular Hemodynamics</td>
<td>Regency Ballroom</td>
<td>I. Kronzon</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Evaluation of Left Ventricular Function and Hypertrophy</td>
<td>Regency Ballroom</td>
<td>G. Aurigemma</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>Practice Board Exam and Audience Response Questions</td>
<td>Regency Ballroom</td>
<td>G. Aurigemma, R. Lang, P. Patil</td>
</tr>
<tr>
<td>6:30 PM</td>
<td>Adjourn</td>
<td>Regency Ballroom</td>
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### Sunday, April 30, 2017

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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Moderator</th>
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<tbody>
<tr>
<td>6:30 AM</td>
<td>Registration</td>
<td>Regency Foyer</td>
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<tr>
<td></td>
<td><strong>Moderator: M. Keane</strong></td>
<td>Regency Ballroom</td>
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<tr>
<td>7:20 AM</td>
<td>Overview</td>
<td>Regency Foyer</td>
<td>R. Lang</td>
</tr>
<tr>
<td>7:30 AM</td>
<td>Spectral Doppler Cases</td>
<td>Regency Ballroom</td>
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<tr>
<td>8:00 AM</td>
<td>Tissue Doppler and Strain Imaging</td>
<td>Regency Ballroom</td>
<td>S. Lester</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Cardiac Masses</td>
<td>Regency Ballroom</td>
<td>D. Tighe</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Degenerative Mitral Valve Disease</td>
<td>Regency Ballroom</td>
<td>R. Lang</td>
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<tr>
<td>9:30 AM</td>
<td>Refreshment Break &amp; Visit Exhibits</td>
<td>Regency Foyer</td>
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<tr>
<td></td>
<td><strong>Moderator: G. Aurigemma</strong></td>
<td>Regency Ballroom</td>
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<tr>
<td>10:00 AM</td>
<td>Mitral Stenosis/Functional (Ischemic) Mitral Valve Disease</td>
<td>Regency Ballroom</td>
<td>R. Levine</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Quantification of Mitral Regurgitation</td>
<td>Regency Ballroom</td>
<td>S. Mankad</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Practice Board Exam Questions on Mitral Valve Disease and Cardiac Masses</td>
<td>Regency Ballroom</td>
<td>G. Aurigemma, I. Kronzon, R. Lang, R. Levine, S. Mankad, D. Tighe</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>Lunch &amp; Visit Exhibits</td>
<td>Millennium Hall and Regency Foyer</td>
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<tr>
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<td><strong>Moderator: G. Aurigemma</strong></td>
<td>Regency Ballroom</td>
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<tr>
<td>1:15 PM</td>
<td>Echocardiographic Evaluation of Mitral Valve Prostheses</td>
<td>Regency Foyer</td>
<td>D. Tighe</td>
</tr>
<tr>
<td>2:15 PM</td>
<td>Aortic Stenosis, Spectrum of Disease, Low Flow, Low Gradient, and Different Variants</td>
<td>Regency Foyer</td>
<td>M. Keane</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>How to Evaluate Aortic Stenosis, Bicuspid Valve, and Aortic Root Dilatation</td>
<td>Regency Foyer</td>
<td>A. Abbas</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Practice Board Exam Questions on Aortic Valve Disease, Hypertrophic Cardiomyopathy, and Systemic Disease</td>
<td>Regency Foyer</td>
<td>A. Abbas, M. Keane, S. Lester, S. Mankad, D. Tighe</td>
</tr>
<tr>
<td>6:30 PM</td>
<td>Adjourn</td>
<td>Regency Foyer</td>
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# Course Schedule

## Monday, May 1, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>6:30 AM</td>
<td>Registration</td>
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<tr>
<td></td>
<td>Breakfast &amp; Visit Exhibits</td>
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<tr>
<td></td>
<td>Regency Foyer</td>
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<tr>
<td></td>
<td><strong>Moderator: S. Mankad</strong></td>
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<tr>
<td></td>
<td>Regency Ballroom</td>
</tr>
<tr>
<td>7:20 AM</td>
<td>Overview</td>
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<tr>
<td></td>
<td>R. Lang</td>
</tr>
<tr>
<td>7:30 AM</td>
<td>Basic Ultrasound Physics</td>
</tr>
<tr>
<td></td>
<td>S. Edelman</td>
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<tr>
<td>8:15 AM</td>
<td>Artifacts: Theory and Illustrative Examples</td>
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<td></td>
<td>R. Levine</td>
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<tr>
<td>9:00 AM</td>
<td>Fundamentals of Doppler Physics</td>
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<tr>
<td></td>
<td>S. Edelman</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Concepts of Imaging, Knobology, and Artifacts</td>
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<tr>
<td></td>
<td>D. Adams</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Refreshment Break &amp; Visit Exhibits</td>
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<tr>
<td></td>
<td>Regency Foyer</td>
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<tr>
<td>11:00 AM</td>
<td>Echocardiographic Evaluation of the Right Ventricle</td>
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<tr>
<td></td>
<td>L. Rudski</td>
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<tr>
<td>11:45 AM</td>
<td>Tricuspid and Pulmonary Valve Disease: New Guidelines</td>
</tr>
<tr>
<td></td>
<td>L. Rudski</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Practice Board Exam Questions on Physics, Echocardiographic Artifacts, Right Ventricular Function, and Tricuspid Valve</td>
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<tr>
<td></td>
<td>D. Adams, S. Edelman, R. Levine, L. Rudski</td>
</tr>
<tr>
<td>1:15 PM</td>
<td>Lunch &amp; Visit Exhibits</td>
</tr>
<tr>
<td></td>
<td>Millennium Hall and Regency Foyer</td>
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<tr>
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<td><strong>Moderator: G. Aurigemma</strong></td>
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<tr>
<td></td>
<td>Regency Ballroom</td>
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<tr>
<td>2:15 PM</td>
<td>Echocardiographic Evaluation of Aortic Valve Prostheses</td>
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<td></td>
<td>A. Abbas</td>
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<tr>
<td>3:00 PM</td>
<td>Quantitation of Aortic Regurgitation</td>
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<td></td>
<td>D. Adams</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>Stress Echocardiography: Theoretical and Practical Considerations</td>
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<td></td>
<td>S. Lester</td>
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<tr>
<td>4:30 PM</td>
<td>Refreshment Break &amp; Visit Exhibits</td>
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<tr>
<td></td>
<td>Regency Foyer</td>
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<tr>
<td>5:00 PM</td>
<td>Echo in Ischemic Heart Disease and Myocardial Infarction</td>
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<tr>
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<td>G. Aurigemma</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>3D Echocardiography: Principles and Applications Image</td>
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<td></td>
<td>S. Mankad</td>
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<tr>
<td>6:30 PM</td>
<td>Practice Board Exam Questions on Stress Echocardiography, 3D, Hypertrophic Cardiomyopathy, and Systemic Disease</td>
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<td>A. Abbav, D. Adams, G. Aurigemma, S. Lester, S. Mankad</td>
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<td>7:30 PM</td>
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## Tuesday, May 2, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>6:30 AM</td>
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<tr>
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<td><strong>Moderator: S. Lester</strong></td>
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<tr>
<td></td>
<td>Regency Ballroom</td>
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<tr>
<td>7:00 AM</td>
<td>Contrast Echocardiography</td>
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<tr>
<td></td>
<td>S. Lester</td>
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<tr>
<td>7:30 AM</td>
<td>Commonly Encountered Congenital Heart Disease in Adults</td>
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<tr>
<td></td>
<td>S. Phillips</td>
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<tr>
<td>8:15 AM</td>
<td>Congenital Heart Disease: An Approach for Simple and Complex Anomalies</td>
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<tr>
<td></td>
<td>M. Pettersen</td>
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<tr>
<td>9:00 AM</td>
<td>Congenital Heart Disease Cases</td>
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<td></td>
<td>M. Pettersen, S. Phillips</td>
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<tr>
<td>9:45 AM</td>
<td>Refreshment Break &amp; Visit Exhibits</td>
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<tr>
<td></td>
<td>Regency Foyer</td>
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<tr>
<td>10:15 AM</td>
<td>Echocardiographic Evaluation of Diastolic Function</td>
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<td></td>
<td>J. Oh</td>
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<tr>
<td>11:15 AM</td>
<td>Echocardiographic Evaluation of Pericardial Disease: Constriction vs. Restriction</td>
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<td></td>
<td>J. Oh</td>
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<tr>
<td>12:00 PM</td>
<td>Practice Board Exam Questions on Diastolic Dysfunction, Pericardial Disease, and Congenital Heart Disease</td>
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<tr>
<td></td>
<td>R. Lang, J. Oh, M. Pettersen, S. Phillips</td>
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<tr>
<td>1:00 PM</td>
<td>Lunch &amp; Visit Exhibits</td>
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<tr>
<td></td>
<td>Millennium Hall and Regency Foyer</td>
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<td></td>
<td><strong>Moderator: R. Lang</strong></td>
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<tr>
<td></td>
<td>Regency Ballroom</td>
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<tr>
<td>2:00 PM</td>
<td>Echocardiography in Heart Failure</td>
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<tr>
<td></td>
<td>J. Oh</td>
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<tr>
<td>2:45 PM</td>
<td>Diseases of the Aorta</td>
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<tr>
<td></td>
<td>R. Lang</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Adjourn</td>
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</tbody>
</table>
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Exhibit Location and Hours

Exhibits are located in the Regency Foyer, 2nd Floor Mezzanine (2M) during the dates and hours listed below.

Saturday, April 29, 2017 .................................. 2:30 pm – 6:30 pm
Sunday, April 30, 2017 ................................. 6:30 am – 6:30 pm
Monday, May 1, 2017 ...................................... 6:30 am – 7:30 pm
Tuesday, May 2, 2017 ..................................... 6:30 am – 2:00 pm

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