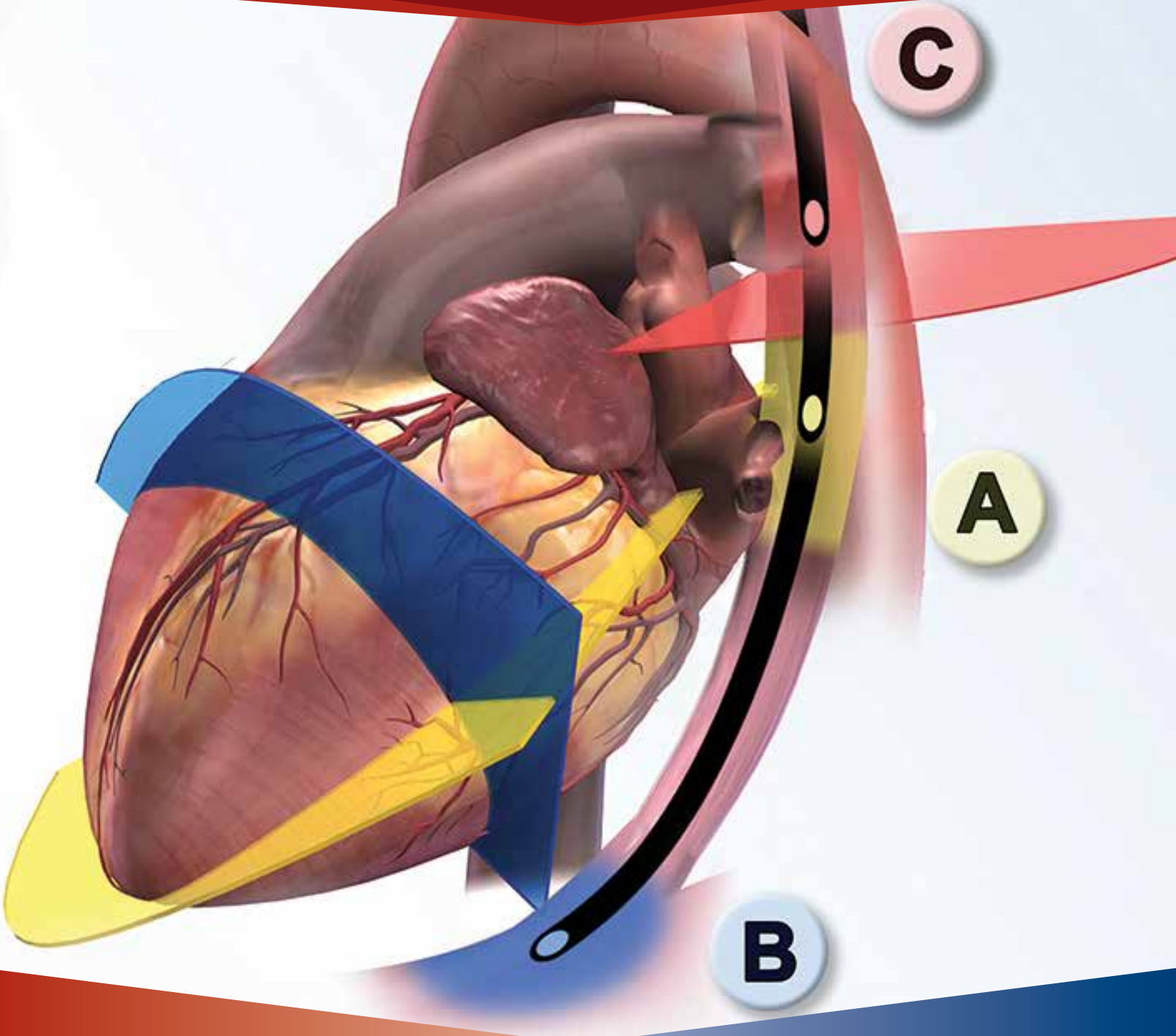


Education Catalog

THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY



ASE

American Society of
Echocardiography

We are the heart and circulation ultrasound specialists dedicated to improving our patients' health and quality of life. We use ultrasound to provide an exceptional view of the cardiovascular system to enhance patient care.



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ASE IS EDUCATION

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

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 its programs. While a monetary or professional affiliation with a corporation does not necessarily influence a presentation, the Essential Areas and policies of the ACCME require that any relationship that could possibly conflict with the educational value of a program be resolved prior to the educational session and disclosed to the audience. In accordance with these policies, ASE implements mechanisms prior to the planning and implementation of CME activities to identify and resolve conflicts of interest for all individuals in a position to control content.

LIVE COURSES

Register for all ASE courses at www.asecho.org/education

Echo Hawaii

25th Annual Echo Hawaii

January 19 – 23, 2015 • Hapuna Beach Prince Hotel, Kohala Coast, HI



ASE Member Physician: \$675
Nonmember Physician: \$795

ASE Member Sonographer/
Allied Health: \$550

Nonmember Sonographer/
Allied Health: \$650

ASE Member Resident/Fellow in
Training: \$455

Nonmember Resident/Fellow in
Training: \$555

Maintenance of Certification
ASE Member: \$175
Nonmember: \$250

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 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, adult congenital heart disease, and contemporary approaches to valve disease, guidance of interventional procedures, contrast echocardiography, ischemic heart disease and aortic pathology. Special sessions are available for sonographer education and laboratory quality improvement.

*“Another outstanding conference at the best venue
in the world at the best time.”*

*“Excellent conference! Nice location!
Would be glad to come again.”*

*Rates subject to change. Please visit
www.asecho.org for up-to-date pricing.*

State-of-the-Art Echocardiography

28th Annual State-of-the-Art Echocardiography

February 22-24, 2015

Preconferences February 20-21, 2015

Hyatt Regency Scottsdale Resort and Spa, Scottsdale, AZ

State-of-the-Art Echocardiography is a premier educational venue for echocardiography in clinical practice. This superbly rated meeting is filled to capacity year after year. Topics include quantitative echocardiography, valvular and ischemic heart disease, stress/contrast echocardiography, advances in imaging in coronary disease, state-of-the-art and clinical applications of transesophageal echocardiography (TEE), diastology, physiological disease management and myopericardial diseases. Special workshops are available on focused topics of interest to the general as well as specialty participants.

Participants should have practical knowledge of echocardiography in order to benefit fully from this program. The setting is ideal for participants to bring their families and add on some vacation time.

“Course was excellent! These are fantastic seminars, as usual.”

“This is a very excellent course. Have attended for the past three years and plan to attend next year.”

Main Conference

ASE Member Physician: \$725

Nonmember Physician: \$825

ASE Member Sonographer/Allied Health/
Fellow: \$550

Nonmember Sonographer/Allied Health/
Fellow: \$650

Learning Lab

Preconference Workshop

ASE Member: \$475

Nonmember: \$595

Maintenance of Certification

ASE Member: \$350

Nonmember: \$450

*Rates subject to change. Please visit
www.asecho.org for up-to-date pricing.*



ASCeXAM/ReASCE Review Course

16th Annual ASCeXAM/ReASCE Review Course

May 2-5, 2015 • Sheraton Philadelphia Downtown Hotel, Philadelphia, PA



Conference Rates 2015

ASE Member Physician: \$825

Nonmember Physician: \$1,045

ASE Member Sonographer/
Allied Health: \$700

Nonmember Sonographer/
Allied Health: \$850

ASE Member Resident/
Fellow in Training: \$775

Nonmember Resident/
Fellow in Training: \$900

*Rates subject to change. Please visit
www.asecho.org for up-to-date pricing.*

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

The review course will cover all aspects of cardiovascular ultrasound essential to these examinations, including physics, valvular heart disease, ischemic heart disease, congenital heart disease and new technologies. The expert faculty will

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

The ASCeXAM/ReASCE Review Courses have been designed with the computer-based examination administration in mind. There is more case-based learning and increased use of an audience response system to simulate a digital, multiple choice examination. CME from this course is “echo-specific” and therefore appropriate for IAC Accreditation and NBE education prerequisites.

3rd Annual Echo Florida • October 12 –14, 2014 • Disney's Grand Floridian Resort & Spa, Walt Disney World®, FL

4th Annual Echo Florida • October 11-13, 2015 • Disney's Yacht & Beach Club Resort, Walt Disney World®, FL

5th Annual Echo Florida • October 9-11, 2016 • Disney's Grand Floridian Resort & Spa, Walt Disney World®, FL



© Disney

Main Conference Rates (2014)

ASE Member Physician: \$725

Nonmember Physician: \$899

ASE Member Sonographer/Allied
Health/Fellow: \$550

Nonmember Sonographer/Allied
Health/Fellow: \$699

Preconference available October 11, 2014

Echocardiography at the Point of Care:
Focused Echocardiography Symposium
(featuring Hands-On Training)

ASE Member: \$200

Nonmember: \$250

Learning Lab:

Computer Based Learning

ASE Member: \$350

Nonmember: \$450

*Rates subject to change. Please visit
www.asecho.org for up-to-date pricing.*

The Echo Florida course is a comprehensive review of cardiovascular ultrasound in clinical practice. The faculty is composed of U.S. and international experts who will discuss the strengths and limitations of established and emerging technologies and illustrate how these technologies can be used to improve and streamline patient care in a cost conscious manner. There is a heavy emphasis on case based learning. Topics include:

- Coronary artery disease including stress testing
- Valvular heart disease

- Heart failure (systolic and diastolic) and cardiomyopathy
- Emerging technologies including contrast and 3D/4D echocardiography
- Complex congenital heart disease
- Case-based demonstrations on role of 2D and real time 3D/4D echocardiography to select, guide and follow percutaneous structural heart disease interventions replacement and percutaneous mitral valve repair

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.

Scientific Sessions

ASE 26th Annual Scientific Sessions • June 13 - June 16, 2015 • Hynes Convention Center, Boston, MA

ASE 27th Annual Scientific Sessions • June 11 - June 14, 2016 • Washington State Convention Center, Seattle, WA

ASE 28th Annual Scientific Sessions • June 3 - June 6, 2017 • Baltimore Convention Center, Baltimore, MD

ASE's Scientific Sessions are the premier international conference devoted specifically to cardiovascular ultrasound in clinical patient care. It is a vital event for practicing echocardiographers and offers a full spectrum of educational events including symposia discussing novice, intermediate and advanced techniques. Research featuring leading cardiovascular ultrasound experts will also be highlighted. The program is an opportunity for all interested healthcare practitioners to explore contemporary issues and emerging developments in the field of cardiovascular ultrasound.

All levels of practitioners will find sessions that meet their needs, help improve their practice and benefit their professional growth. Participants are encouraged to actively participate in sessions and interact with available faculty. This is the meeting that everyone attends; you won't want to miss the ample opportunities to socialize with your peers and luminaries in the cardiovascular ultrasound field.

ASE Member Physician: \$615
Nonmember Physician: \$975

ASE Member Sonographer/
Allied Health: \$375

Nonmember Sonographer/
Allied Health: \$595

ASE Member Resident/Fellow
in Training: \$255

Nonmember Resident/Fellow in
Training: \$475

*Rates subject to change. Please visit
www.asescientificsessions.org
for up-to-date pricing.*



"Excellent meeting as always."

"An excellent experience and will attend the conference in the future."

ASE Meetings App



Stay up-to-date on all of ASE's live educational courses by downloading the free ASE Meetings app. Find detailed information on each of ASE's events including faculty, agendas, exhibitors, networking events and more! Use the app to create or sync your event schedule and receive notifications of special activities and sessions while on site.

The app is available for download on both Apple and Android devices. Simply search for "ASE Live Educational Courses" in the Google Play or Apple iTunes stores. Learn more about other ASE apps at www.asecho.org/apps.

Included in the app are the following courses:

- Echo Hawaii
- State-of-the-Art Echocardiography
- ASCeXAM/ReASCE Review Course
- Annual Scientific Sessions
- Echo Florida

ONLINE LEARNING

ASEUniversity III: Case-Based Learning

ASE's new ASEUniversity III: Case-Based Learning includes two volumes which are entirely case-based, online cardiovascular ultrasound learning activities. Each volume is designated for 5 *AMA PRA Category 1 Credits*[™] and has been accepted by the ABIM for 10 points towards medical knowledge self-assessment requirements.

www.ASEUniversity.org

Volume 1

- Artifacts
- Cardiac masses
- Cardiomyopathies
- Congenital heart disease
- Coronary artery disease
- Diastolic function
- Doppler
- New technology
- Pericardial disease
- Stress echocardiography
- Valvular heart disease
- Ventricular size and function

Volume 2

- Aortic regurgitation
- Cardiomyopathies
- Closure devices/
device placement
- Congenital heart disease
- CRT
- Doppler
- Endocarditis
- Image optimization
- Mitral stenosis
- Stress echocardiography

Price per volume:

1 User License
ASE Member: \$175
Nonmember: \$250

5 User License
ASE member: \$375.00
Nonmember: \$475.00

10 User License
ASE member: \$600.00
Nonmember: \$700.00

Volume 1 Expiration
Date: November 1, 2016

Volume 2 Expiration
Date: December 15, 2016

ASEUniversity

ASEUniversity is a medical education website featuring online, self-study learning opportunities for physicians and sonographers. ASEUniversity maintains a selection of educational activities included for free with an active ASE membership. There are one-hour recorded CME Webcasts on a variety of topics.

ASEUniversity is also host to a CME program based upon articles from the *Journal of the American Society of Echocardiography* (JASE). ASEUniversity posts up to 10 new articles per year with the opportunity to earn continuing education credits. These articles highlight new guidelines and standards in cardiovascular ultrasound and other relevant practice issues.

These activities are designed for all cardiovascular physicians and cardiac sonographers with a primary interest and knowledge base in the field of echocardiography; in addition, residents, researchers, clinicians, intensivists and other medical professionals with a specific interest in cardiac ultrasound will find these activities beneficial.

ASEUniversity Online Library

ASE's digital library combines slides, video and speaker audio to give you the feel of a live meeting anywhere you go. This expanding database contains several core curriculums taught by leading experts in the field of echocardiography. Originally presented at national, scientific conferences, ASE's digital library provides you with year-round access to the audio and video materials. With mobile access, learning from the experts while sharing with colleagues and friends is now only a download away. Pricing varies by product. Individual sessions are available for purchase.

ASEUniversity Live Webinars

Live, guideline-based Webinar series are also available to ASE members and nonmembers. These interactive events allow you to learn from the experts in the privacy of your home or office, while interacting and engaging with your fellow attendees. Webinars also provide the opportunity to ask the presenter questions to be answered during the live broadcast. Each Webinar is approximately one hour in length.

ASE Member: FREE

Nonmember: \$25

www.ASEUniversity.org

Cardiovascular Sonographer Registry Review Online Library

ASE Member: \$150 Nonmember: \$250

ASE has specifically designed the Sonographer Registry Online Library as a study guide for both the ARDMS and CCI registry examinations. This product comes with a 500-page downloadable workbook. Lectures cover the following topics:

- | | | |
|---|-----------------------------|------------------------------|
| 1. Intro to Echo | 5. Mitral Valve Disease | 9. Right Side |
| 2. Physics | 6. Prosthetic Valve Disease | 10. Congenital Heart Disease |
| 3. The Left Side | 7. Aortic Valve Disease | 11. Cardiac Tumors |
| 4. Cardiomyopathies and Pericardial Disease | 8. Aortic Disease | |

www.ASEUniversity.org

ASCeXAM/ReASCE Review Course Online Library

ASE Member: \$375 Nonmember: \$525

The lectures included were presented at the 2014 ASCeXAM Review Course by expert faculty and cover all aspects of cardiovascular ultrasound essential to the board examinations. The online lecture format features synchronized slides; including embedded videos and the accompanying audio. You will feel like you are sitting in the class. This product is perfect for individuals looking to access the content anytime, anywhere.

This 20-hour, online course set will help you prepare for the NBE exams. CME credits are not available for this product. Some of the original material contained copyrighted material which could not be reproduced in these presentations. The presentations are PowerPoint slides synched with video, therefore, you will not be able to see the pointer.

www.ASEUniversity.org

ASCeXAM/ReASCE Online Practice Exam Simulation

ASE Member: \$199 Nonmember: \$250

Designed to prepare physicians for the National Board of Echocardiography (NBE)'s ASCeXAM or ReASCE certification examinations, this test bank consists of 300 multiple-choice questions containing over four hundred images and videos covering: the physical principles of cardiovascular ultrasound; valvular heart disease; ventricular size and function, coronary artery disease, and cardiomyopathies; congenital heart disease and fetal echocardiography; as well as cardiac masses, pericardial disease, myocardial contrast and the latest applications in echocardiography. M-mode, 2-Dimensional and Doppler echocardiography are also covered.

In addition to objective-based questions, case studies are included to evaluate your knowledge of the field. This product allows you to take two simulated exams of 150 questions and be graded up to six times. Visit netclients.captus.com/ase for more details.

ASE Annual Scientific Sessions Online Library

ASE Member and Nonmember: \$299

View all approved ASE Annual Scientific Sessions anywhere your computer or iOS device takes you! The ASE Annual Scientific Sessions Online Library includes: live audio recordings, PowerPoint presentations and embedded video clips. Unlimited online access is available to all ASE Annual Scientific Sessions from 2009 through 2014. Purchase a single or multi-year subscription. Full conference or single sessions are available at www.ASEUniversity.org.

Connect@ASE

Participate in the global conversation on ASE's networking platform, Connect@ASE (<http://connect.asecho.org>). This members-only site is the new host for our active discussion forums, our image library containing hundreds of moving images and our enhanced member directory to connect with colleagues. Access Connect@ASE on your device by downloading the free app by searching for 'MemberCentric' and selecting ASE.

Connect.asecho.org

POCKET GUIDELINES

Individual ASE Pocket Guidelines

These pocket-sized flipbooks of charts from ASE guidelines and standards for cardiovascular ultrasound were designed to be carried in lab coats and scrub pockets and used as quick reference guides for measurements.

ASE Member: \$10 Nonmember: \$15 Bulk Rate: \$8 for 100 or more

Guidelines for the Echocardiographic Assessment of the Right Heart in Adults (JASE, July 2010)

Evaluation of Prosthetic Valves with Echocardiography and Doppler Ultrasound (JASE, September 2009)

Echocardiographic Evaluation of Left Ventricular Diastolic Function by Echocardiography (JASE, February 2009)

Echocardiographic Assessment of Valvular Regurgitation and Stenosis (JASE, September 2009)

Recommendations for Image Acquisition and Display Using Three-Dimensional Echocardiography (JASE, January 2012)

ASE Pocket Guideline Bundle

ASE Member: \$40 Nonmember: \$60 Bulk Rate: \$32 for 100 or more

This bundle includes the five ASE Pocket Guidelines listed above.

iASE App

iASE is an interactive calculator tool to provide clear and concise summaries of the most popular ASE guidelines. Each guideline summary includes key tables, reference values and over 20 calculators. This app can also serve as a teaching tool in an educational setting.

Included guideline summaries are:

- Chamber Quantification (2005)
- Valvular Regurgitation (2003)
- Left Ventricular Diastolic Function (2009)
- Right Heart (2010)
- Valvular Stenosis (2009)
- Prosthetic Valves (2009)

ASE Member & Nonmember: \$4.99 (through Apple's iTunes store and Android Market)

GUIDELINE POSTERS

ASE's poster series is a visual representation of the guidelines and standards set by ASE. The designs are pleasing to the eye and suited for display in patient areas and clinics. The poster series includes:

Individual Posters

Multimodality Cardiovascular Imaging of Patients with Hypertrophic Cardiomyopathy (JASE, May 2011)
Recommendations for Quantification Methods During the Performance of a Pediatric Echocardiogram (JASE, May 2010)
Recommendations for Evaluation of Prosthetic Valve with Echocardiography and Doppler Ultrasound (JASE, September 2009)
Recommendations for the Evaluation of Left Ventricular Diastolic Function by Echocardiography (JASE, February 2009)
Echocardiographic Assessment of Valve Stenosis: EAE/ASE Recommendations for Clinical Practice (JASE, January 2009)
Consensus Statement on the Clinical Applications of Ultrasonic Contrast Agents in Echocardiography (JASE, November 2008)
Guidelines for Performance, Interpretation, and Application of Stress Echocardiography (JASE, September 2007)
Guidelines and Standards for Performance of a Pediatric Echocardiogram (JASE, December 2006)

Guidelines for Noninvasive Vascular Laboratory Testing (JASE, August 2006)
Guidelines for the Evaluation of Valvular Regurgitation (JASE, July 2003)
Guidelines for Performing Multiplane Transesophageal Echocardiography (JASE, 1999)
Echocardiographic Assessment of the Right Heart in Adults: A Report from the American Society of Echocardiography (JASE, July 2010)
Guías Para la Cuantificación de Camaras: Spanish Translation of the illustrated version of Recommendations for Chamber Quantification (JASE, December 2005)
Recommendations for Image Acquisition and Display Using Three-Dimensional Echocardiography (JASE, January 2012)
Guidelines for Performing a Comprehensive Transesophageal Echocardiographic Exam (JASE, September 2013)
Recommendations for Chamber Quantification (coming January, 2015)

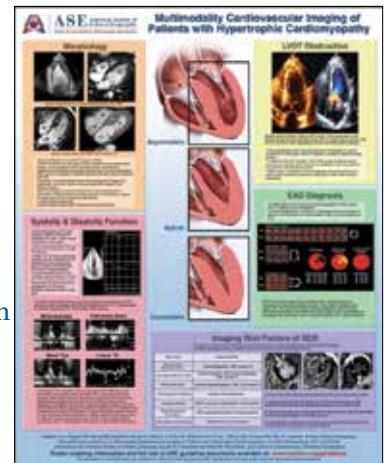
ASE Member: \$20 Nonmember: \$30

Guideline Poster Set

This set consists of the following posters:

Multimodality Cardiovascular Imaging of Patients with Hypertrophic Cardiomyopathy, Clinical Applications of Ultrasonic Contrast Agents in Echocardiography, Echocardiographic Assessment of Valve Stenosis: Recommendations for Clinical Practice, Guidelines for Non-Invasive Vascular Testing, Guidelines for Performing Multiplane Transesophageal Echocardiography, Guidelines for the Echocardiographic Assessment of the Right Heart in Adults, Recommendations for Evaluation of the Severity of Native Valvular Regurgitation, Recommendations for Performance, Interpretation, and Application of Stress Echocardiography, Recommendations for the Evaluation of Left Ventricular Diastolic Function by Echocardiography, and Recommendations or Evaluation of Prosthetic Valve with Echocardiography. A great addition to your lab, these 24" x 30" posters will serve as a valuable resource for both physicians and technicians.

ASE Member: \$200 Nonmember: \$300



Guideline Poster Flip Chart

Tabletop flip chart consisting of 13 ASE Guidelines Posters reduced to 11" x 14-3/4", laminated and presented in a vinyl heat sealed binder.

ASE Member: \$185 Nonmember: \$250

Purchase ASE products at www.ASEMarketPlace.com and Amazon.com.

EDUCATIONAL PUBLICATIONS

ASE Guideline Reference Book

The ASE Guideline Reference Book offers a collection of charts and illustrations derived from ASE's guidelines for cardiovascular ultrasound. Books come in a convenient format for quick reference. Each title can be included in the entire book or purchased as an individual inserts. The three-ring binder is designed to accommodate new inserts as they are published. Perfect for use in the reading room: this book is a best-seller! The binder consists of the following graphic illustrations:

Multimodality Cardiovascular Imaging of Patients with Hypertrophic Cardiomyopathy

Guidelines for Appropriate Use Criteria for Echocardiography

Guidelines for the Evaluation of Valvular Regurgitation

Guidelines for Stress Echocardiography

Recommendations for Image Acquisition and Display Using Three-Dimensional Echocardiography

Echocardiographic Assessment of Valve Stenosis

Echocardiographic Evaluation of LV Diastolic Function

Performing Multiplane Transesophageal Echocardiography

Evaluation of Prosthetic Valves with Echocardiography and Doppler Ultrasound

Recommendations for Quantification Methods During the Performance of Pediatric Echo

Echocardiographic Assessment of the Right Heart in Adults: A Report from the American Society of Echocardiography

Guidelines for Performing a Comprehensive Transesophageal Echocardiographic Exam

Recommendations for Chamber Quantification (coming January, 2015)

Entire Book:	Individual Inserts:
ASE Member: \$199	ASE Member: \$40
Nonmember: \$299	Nonmember: \$75

Journal of the American Society of Echocardiography (JASE)



JASE brings physicians and sonographers the very latest clinical, scientific, legal, and economic information regarding the use of cardiac ultrasound. The Journal's original, peer-reviewed articles cover conventional procedures as well as newer clinical techniques, such as transesophageal echocardiography, intraoperative echocardiography, and intravascular ultrasound. The Journal, an official publication of the American Society of Echocardiography, has an Impact Factor of 4.277. Your subscription includes online access to JASE. www.onlinejase.com

ASE Member: FREE Nonmember: \$332 per year (U.S.)/\$455 per year (international)

Guideline Lab Bundle

With ASE's new Guideline Lab Bundle, you can stock your lab with excellent products at a substantial savings. Included in the bundle is one Guideline Reference Book, one Guideline Poster Flipchart and ten complete sets of Pocket Guides. Save over \$100 off individual pricing.

ASE Member: \$700 Nonmember: \$1,000

Purchase ASE products at www.ASEMarketPlace.com and Amazon.com.

EDUCATIONAL DVDS

Best of ASE Series



Enhance your understanding of echocardiography with this compilation of lectures from ASE courses. Broken down into four volumes, this series includes: diastology, strain imaging, 3D echocardiography, physics and contrast echocardiography.

ASE Member: \$75 (per volume)

Nonmember: \$95 (per volume)

Bundle Pricing (includes five DVDs):

Member: \$330

Nonmember: \$425

Focused Cardiac Ultrasound: Fundamental Principles of Acquisition & Interpretation

This state-of-the-art DVD is an instructional video to be used for self-guided learning and professional lectures. The DVD features several interactive sections for flexible presentation, including an easy to navigate DVD menu, overview of relevant cardiac anatomy, presentation of transducer positions, imaging examples of a wide variety of pathologies, case presentations with discussions, and an interpretation practice section designed to gauge levels of familiarity with the materials presented.

ASE Member: \$150 Nonmember: \$250

Topics covered include:

Section 1: Heart Anatomy

- Heart and Ribs
- Axis of the Heart
- Planes of the Heart
- Chambers
- Valves and Annuli
- Blood Flow

Section 2: Focused Cardiac Ultrasound Assessment

- Left Parasternal Long Axis (PLAX)
- Left Parasternal Short Axis (PSAX)
- Apical
- Subcostal
- Lung

Section 3: Pathologies, featuring 20 different examples, including:

- Pericardial Effusion
- RV & LV Systolic Dysfunction
- Severely Calcified AV
- Pleural Effusion
- LV Hypertrophy
- Pulmonary Edema
- Dilated Aortic Root
- IVC Collapse

Also includes the following TWO BONUS MATERIAL SECTIONS to provide you with opportunities to test your knowledge through a variety of clinical patient scenarios!

Section 4: Case Studies

Section 5: Practice Interpretations

Purchase ASE products at www.ASEMarketPlace.com and Amazon.com.

ASEUniversity: Self-Study Program II

This is a self-study program containing 15 presentations and associated guidelines that you can move through at your own pace. This activity is designed for adult and pediatric cardiologists, cardiovascular surgeons, cardiovascular anesthesiologists, fellows-in-training, cardiovascular sonographers, cardiovascular nurse specialists, internists, intensivists and emergency physicians with special interest in clinical cardiology and echocardiography.

The American Society of Echocardiography (ASE) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. ASE designates this enduring material for a maximum of 15 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the 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 15 hours of CME credit toward IAC Echocardiography accreditation requirements.

1 User License

ASE Member: \$175.00

Nonmember: \$225.00

5 User License

ASE Member: \$375.00

Nonmember: \$475.00

10 User License

ASE Member: \$600.00

Nonmember: \$700.00

Expiration for CME credit:

January 2015

Topics covered include:

- Assessment of Diastolic Function: A Case-Based Approach
- Chest Pain in the ED
- Diastolic Function for the Nondiastologist
- Echocardiographic Evaluation of Atrioventricular Septal Defects
- Echocardiographic Assessment of the Right Heart in the ICU
- Echocardiographic Evaluation of Prosthetic Valves: Form, Function and ASE New Guidelines
- Recommendations for Evaluation of Prosthetic Valves with Echocardiography & Doppler Ultrasound (Guideline Included)
- Emergence of Strain & Strain-Rate Imaging in Clinical Practice
- Evaluation of Patients with End-Stage Heart Failure: Systolic and Diastolic Function Assessment
- Infective Endocarditis
- Lower Extremity Arterial Testing
- Recommendations for Quantification Methods During the Performance of a Pediatric Echocardiogram
- Recommendations for Quantification Methods During the Performance of a Pediatric Echocardiogram (Guideline Included)
- Stress Echocardiography
- Three Dimensional Echocardiography: The Benefits of the Added Dimension
- Tricuspid Valve Echocardiographic Evaluation
- Unique Congenital Obstructions

How to Perform a Transthoracic Echocardiographic Study Volume 1: Transducer Position and Anatomy

ASE Member: \$150 (\$100 for ten or more)
Nonmember: \$225 (\$200 for ten or more)

“How to Perform a Transthoracic Echocardiographic Study Volume 1: Transducer Position and Anatomy” is an instructional video, offered by ASE, and can be used for professional lectures and offers an interactive section for flexible presentations. The video includes an overview of relevant cardiac anatomy, a step-by-step presentation of all Transducer Positions and the sequential transducer movements to acquire standard echo images needed to complete a Transthoracic Echocardiographic Study.

The cardiac anatomy section visualizes relationships of the heart, ribs, axis of the heart, planes of the heart and aorta, chambers, valves and annuli and blood flow through the heart. The transducer position menu allows the user to view the anatomical landmarks and the transducer positions for left parasternal, apical, subcostal, suprasternal and right parasternal image acquisition.

The views and imaging menu allows the user to navigate from a particular transducer position menu such as left parasternal long to specific images acquired within that window such as PLAX high depth, PLAX low depth, and PLAX Zoom of the Aortic and Mitral Valves. Each animated loop shows a finder image in the upper left that depicts the transducer position, an illustration of the sectional anatomy of the heart on the left and the echo image with labels on the right.

This DVD’s content consists of two sections as follows:

Section 1: Heart Anatomy

- 1.1 Heart and Ribs
- 1.2 Axis of the Heart
- 1.3 Planes of the Heart
- 1.4 Chambers
- 1.5 Valves and Annuli
- 1.6 Blood Flow

Section 2: Basic Transthoracic Echocardiography

- 2.1 Left Parasternal Long (PLAX)
- 2.2 Left Parasternal Short (PSAX)
- 2.3 Apical
- 2.4 Subcostal
- 2.5 Suprasternal

Cardiovascular Sonographer Registry Review Guide

ASE Member: \$150 Nonmember: \$250

ASE has specifically designed the Sonographer Registry Review Guide as a study guide for both the ARDMS and CCI registry examinations. A DVD of lectures will cover content related to adult echocardiography and physics. The lectures will include illustrative cases and practice exam questions for each subject area assigned. Each lecture will provide the essentials of topics expected to be covered on the registry examinations. In addition, a printed book of the presentations and other helpful material accompanies the DVD. This product comes with a 500-page workbook. Lectures cover the following topics:

- 1. Intro to Echo
- 2. Physics
- 3. The Left Side
- 4. Cardiomyopathies and Pericardial Disease
- 5. Mitral Valve Disease
- 6. Prosthetic Valve Disease
- 7. Aortic Valve Disease
- 8. Aortic Disease
- 9. Right Side
- 10. Congenital Heart Disease
- 11. Cardiac Tumors

ASE CONTINUING EDUCATION UNITS (CEUs)

Hospital CEU Program

For labs up to 10 people: \$250

For labs with 25 - 50 people: \$400

For labs with 10 - 25 people: \$300

For labs with over 50 people: \$500

This program is designed for cardiac ultrasound and cardiovascular laboratories that hold monthly, in-house meetings related to echocardiography. Under the guidelines set forth by this program, sonographer attendees will be eligible for up to 12 ASE CEU credits per year from attendance at these meetings. ASE CEU credits are honored by ARDMS and CCI towards registry requirements for sonographers.

www.asecho.org/ceuprograms

Local Society CEU Program

Application Fee: \$300

ASE partners with local echocardiography societies to provide CEU to cardiovascular sonographers attending their meeting(s). Local echocardiography societies will be approved to offer up to 12 ASE CEU credits to attendees per year. ASE CEU credits are honored by ARDMS and CCI towards registry requirements for sonographers.

www.asecho.org/ceuprograms

ASE EDUCATIONAL PROGRAM SPONSORSHIP

As an organization dedicated to excellence in cardiovascular ultrasound for patient care, ASE strives to promote and provide opportunities for enhancement of knowledge and skills of members and nonmembers through its educational programming. The purpose of ASE's educational programs is to improve proficiency in the field of cardiovascular ultrasound, which is an important tool for optimal management of patients with heart disease.

ASE accepts applications for course sponsorship based upon topic, time frame and target audience. For full details on applications currently being accepted visit asecho.org/ase-sponsorship-opportunity.

Co-Sponsorship (Without CME)

A co-sponsorship agreement without CME is one whereby the submitting organization is an ACCME Accredited Provider responsible for the educational integrity of the program. ASE will endorse the educational activity, but assumes no CME responsibility; the submitting organization is responsible for providing CME and ensuring that the activity is conducted in accordance with all ACCME guidelines and policies. Multiple sponsorship levels available, each with great marketing benefits to help drive course attendance. Visit asecho.org/ase-sponsorship-opportunity for full details, pricing, and to download a copy of the application.

Product Price Guide

Product	Member Price	Nonmember Price	Page
ASE Guidelines Reference Book	\$199	\$299	10
<i>Journal of the American Society of Echocardiography</i> (JASE)	FREE	Nonmember: \$332 per year (U.S.)/\$455 per year (international)	10
Guideline Lab Bundle	\$700	\$1,000	10
ASE Guidelines Reference Book Individual Inserts	\$40	\$75	10
Guideline Posters	\$20	\$30	9
Guideline Poster Set	\$200	\$300	9
Guideline Poster Flip Chart	\$185	\$250	9
Pocket Guidelines (Individual)	\$10	\$15	8
Pocket Guidelines Bundle	\$40	\$60	8
iASE App (via Apple's iTunes Store and the Android Market)	\$4.99	\$4.99	8
Best of ASE: Volumes 1, 2, 3, 4 & 5	\$75 (per volume)	\$95 (per volume)	11
Focused Cardiac Ultrasound: Fundamentals of Acquisition and Interpretation	\$150	\$250	11
ASEUniversity: Self-Study Program II	\$175	\$225	12
ASEUniversity III: Volumes 1 and 2	\$175 (per volume)	\$250 (per volume)	6
How to Perform a Transthoracic Echocardiographic Study	\$150	\$225	13
Cardiovascular Sonographer Registry Review Guide	\$150	\$250	13

Which Courses Should I Attend?

Course	Physician	Sonographer/ Allied Health	Fellow in Training	Sonography Student	Basic	Advanced	Page
ASCeXAM/ReASCE Review Course	x		x		x		3
ASE Annual Scientific Sessions	x	x	x	x	x	x	5
Echo Hawaii	x	x	x		x		2
State-of-the-Art Echocardiography	x	x	x		x	x	3
Echo Florida	x	x			x	x	4

ABOUT ASE

As the largest global organization for cardiovascular ultrasound imaging, The American Society of Echocardiography (ASE) is the leader and advocate, setting practice standards and guidelines. Comprised of over 16,500 physicians, sonographers, nurses and scientists, ASE is a strong voice providing guidance, expertise and education to its members with a commitment to improving the practice of ultrasound and imaging of the heart and cardiovascular system for better patient outcomes.

ASE's Mission

ASE is committed to excellence in cardiovascular ultrasound and its application to patient care through education, advocacy, research, innovation and service to our members and the public. Our members are heart and circulation ultrasound specialists dedicated to improving their patients' health and quality of life. They use ultrasound to provide an exceptional view of the cardiovascular system to enhance patient care.

Membership In ASE

Become a member of ASE! Thousands of leaders in the field of echocardiography already receive ASE's many benefits.



How Much is Membership?

ASE strives to maintain low membership fees while offering an extremely wide range of benefits to the cardiovascular imaging professional.

Join online today at www.asecho.org

North American Membership Fees (U.S., Canada & Mexico)

A monthly print subscription to the Journal of the American Society of Echocardiography (JASE) is included in your dues, with the exception of students and fellows who can only access JASE online.

Physician/Scientist	\$275
Allied Health/Sonographer	\$130
Retired	\$60

Early Career Memberships (Completed training within last four years)

Early Career Physician/Scientist	\$150
Early Career Allied Health/Sonographer	\$90
Fellow in Training	\$60

Student Memberships

Medical Student, Cardiovascular Sonographer Student	\$60 (online only)
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International Membership Fees (Outside U.S., Canada & Mexico)

An online subscription to the Journal of the American Society of Echocardiography (JASE) is included in your dues, unless you select to have JASE mailed for an additional \$90 fee.

Physician/Scientist	\$190 (online only); \$280 (mailed journal)
Allied Health/Sonographer	\$100 (online only); \$190 (mailed journal)
Retired	\$60 (online only); \$150 (mailed journal)

Early Career Memberships (Completed training within last four years)

Early Career Physician/Early Career Scientist	\$120 (online only); \$210 (mailed journal)
Early Career Allied Health/Sonographer	\$75 (online only); \$165 (mailed journal)
Fellows in Training	\$60 (online only); \$150 (mailed journal)

Student Memberships

Medical Student, Cardiovascular Sonographer Student	\$60
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We are the heart and circulation ultrasound specialists dedicated to improving our patients' health and quality of life. We use ultrasound to provide an exceptional view of the cardiovascular system to enhance patient care.



ASE

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Echocardiography

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