CME Information

PURPOSE STATEMENT

The integration of echocardiography into clinical decision making makes it important for physicians, technologists and sonographers to maintain skills and demonstrate competencies. Recent advances in the field of echocardiography create new challenges and opportunities for healthcare providers. This course will cover new technologies and address the usefulness of echocardiographic techniques for adult and pediatric cardiologists, cardiovascular surgeons, anesthesiologists, radiologists, sonographers and fellows in training. Specifically, this course will address topics such as quantitative Doppler hemodynamics, structural heart disease, transesophageal echo, diastology and myocardial diseases. Furthermore, appropriate use of echocardiography will be discussed as case studies are presented.

FINANCIAL AND OFF-LABEL/INVESTIGATIONAL USES OF DRUG MEDICAL DEVICES DISCLOSURE STATEMENT

The relevant financial relationships of those persons in a position to control the content of this CME activity will be disclosed prior to the start of the educational activity. Participants are advised that this course will contain references to unapproved investigational use of medical devices or pharmaceuticals, which are not yet FDA approved.

EDUCATIONAL OBJECTIVES

Following this enduring material, the participant should be able to:
1. Incorporate 2D/3D echocardiography/Doppler information in clinical decision-making, thereby transforming information to knowledge.
2. Apply state-of-the-art practice of obtaining myocardial mechanics information.
3. Quantitatively assess Doppler and color flow imaging.
4. Assess LV function quantitatively (volume, mass and EF).
5. Recognize the usefulness of Doppler for assessing hemodynamics and diastolic function.
6. Describe the value and limitations of contrast echocardiography.
7. Summarize the technology, indications and clinical uses of TEE.
8. Identify roles of cardiovascular ultrasound for structural heart disease.
10. Apply knowledge of 3D echocardiography into clinical practice.
11. Apply for IAC laboratory accreditation of the laboratory.

ACCREDITATION STATEMENT/DISCLAIMER OF CREDIT STATEMENT

This enduring material has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Veritas Institute for Medical Education, Inc. and Meetings By Mail. Veritas Institute for Medical Education, Inc. is accredited by the ACCME to provide continuing medical education for physicians. Veritas Institute for Medical Education, Inc. designates this enduring material for a maximum of 20.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

All or a portion of this educational activity may meet the CME requirements for IAC echocardiography accreditation. Credits also may be used to meet ARDMS and CCI CME Requirements.

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Meeting Your Echo Lab CME Requirements Just Got Easier

This comprehensive course is designed to meet physician, technologist and sonographer Echocardiography Lab CME requirements for certification, with specific focus on quantitative Doppler hemodynamics, structural heart disease, left ventricular dysfunction, transesophageal echo, 3D imaging, diastology, myopericardial diseases, case studies and much more! Learn the latest in echocardiography from this internationally acclaimed faculty! This DVD-ROM includes Exportable Files of all presentations, for viewing on mobile devices!

Other features of the 8th Annual Sights and Sounds of Echocardiography Include:
- 20.25 AMA PRA Category 1 Credits™
- Enough hours to fulfill Echo Lab CME Requirements
- Over 60 A/V presentations, panel discussions and workshops in their entirety.
- All footage captured in high definition, including all videos and speaker’s cursor movements.
- Exportable files feature allows for viewing presentations on mobile devices.

DVD-ROM Agenda: Up to 20.25 AMA PRA Category 1 Credits™

**Title:** Sights & Sounds of Echocardiography

**Session 1: Basics of Echocardiography: Review for Boards**
- Left Ventricular Systolic Function .......... Muhamed Saric, MD
- Right Ventricle ........................................... Faroq Chaudhry, MD
- Comprehensive Hemodynamics by Doppler
- Echocardiography ........................................... Itzhak Kronzon, MD
- Diastolic Function ........................................ Daniel Spevack, MD
- Stress Echocardiography: Theory and Practice ........................................ Faroq Chaudhry, MD
- Myocardial Mechanics ................................. Gila Perk, MD

**Session 2: Myocardial Pericardial Disease**
- Constrictive Pericarditis .................... Bijoy Khandheria, MD
- Hypertrophic Cardiomyopathy: State of the Art
- Multimodality Guidelines .......................... A. Jamil Tajik, MD
- Left Ventricular Non Compaction Syndrome . Bijoy Khandheria, MD
- Case Studies: Pericardial Tamponade ........... Smadar Kort, MD
- Case Studies: Variants of HCM .......... A. Jamil Tajik, MD
- Case Studies: Left Ventricular
- Non Compaction ............................................ Ferande Peters, MD
- Athlete Heart: Diagnostic Criteria - Guidelines Revisions .......... Roberto Lang, MD

**Session 3: Left Ventricular Dysfunction**
- Classification of Cardiomyopathy: 2014 .... Jagat Narula, MD
- Epidemic of Heart Failure with Preserved Ejection Fraction: 2014 .... Vinay Thohan, MD
- LVADs: An Echocardiographic Perspective ........ Vinay Thohan, MD
- CRT Echocardiography Case Studies: Responder . Muhamed Saric, MD

**Session 4: Case Studies: Doppler Strips**
- M-Mode Echocardiography: Is It Still Alive? .......... Itzhak Kronzon, MD
- Infective Endocarditis ................................. Ferande Peters, MD
- MS & MR Board Review Cases ................. Daniel Spevack, MD

**Session 5: Case Studies: Aorta, Systemic Illness, IHD**
- Aortic Dissection, Aortic Ulcer, Intramural Hematoma .......... Smadar Kort, MD
- Systemic Disease and the Heart .............. Steven Goldstein, MD
- Right Heart Pathologies: RV Dysplasia, Embolus, RV Infarction .......... Muhamed Saric, MD
- Stress Echocardiography ................................. Faroq Chaudhry, MD
- Case Studies: Infective Endocarditis, Vegetation, Abscess, Mitral Aortic Interventricular Fibrosa, Fistula ... Steven Goldstein, MD

**Session 6: Gerbode, MI, Congenital VSD, Prosthetic Valves & ASD**
- Gerbode ......................................................... Itzhak Kronzon, MD
- A Very Unusual MI .......... A. Jamil Tajik, MD
- Congenital VSD .............................................. Muhamed Saric, MD
- Prosthetic Valve Endocarditis ...................... Gila Perk, MD
- Primum ASD & Sinus Venosus ASD .................... Muhamed Saric, MD

**Session 7: Structural Heart Disease I**
- New Guidelines for Mitral Regurgitation:
- Operating on Asymptomatic Patients .......... A. Jamil Tajik, MD
- Percutaneous Interventions of the Mitral Valve
- State of the Art.............................................. Suhail Allagaband, MD
- Percutaneous Mitral Valve Repair ............ Neil Weissman, MD
- Imaging Functional and Ischemic Mitral Regurgitation .......... Roberto Lang, MD

**Session 8: Structural Heart Disease II**
- Aortic Valve Stenosis .................. Bijoy Khandheria, MD
- Asymptomatic Severe AS: New Valve Guidelines ........ Steven Goldstein, MD
- Low Gradient, Low Output AS, Low Gradient, Normal EF AS .......... Itzhak Kronzon, MD
- Prevention of Aortic Stenosis:
- Is This a Fantasy? ......................... A. Jamil Tajik, MD
- TAVR: State of the Art 2014 ............... Itzhak Kronzon, MD

**Session 9: Structural Heart Disease III**
- Imaging the Tricuspid Valve ............ Roberto Lang, MD
- Imaging the Right Ventricle .................... Smadar Kort, MD
- LA Appendage Occluders ................. Bijoy Khandheria, MD
- Case Studies With Management Issues ..... Steven Goldstein, MD

**Session 10: 3D Imaging**
- 3D Imaging: How To Get Started .......... Gila Perk, MD
- 3D Imaging Case ................................. Gila Perk, MD
- 3D Echo & Fusion Imaging to
- Guide Transcatheter Procedures .......... Itzhak Kronzon, MD
- 3D TEE ......................................................... Itzhak Kronzon, MD

**Session 11: IAC Accreditation**
- IAC Accreditation: Why?
- Don’t, Simplify ......................... Beverly Gorman, RDCS
- IAC Accreditation: Everything You Wanted To Know ........ Beverly Gorman, RDCS

**Session 12: Sonographer Session I**
- OffAxis Imaging: When, How .. Christopher Kramer, RDCS
- Right Heart Study .................. Laura Johnson, RDCS
- Read With Me ......................... Matt Umland, RDCS
- Speckle Tracking 101 ................ Matt Umland, RDCS

**Session 13: Sonographer Session II**
- Role of Echocardiography in New Transcatheter Procedures For Valvular Heart Disease ...... Anna Hamza, RDCS
- Most Challenging Cases .................. Laura Johnson, RDCS
- CRT Echocardiography Cases ............ Christopher Kramer, RDCS
- CRT Optimization ...................... Matt Umland, RDCS

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