Symposium on Interventional Echocardiography and Decision-making in Structural Heart Disease

FINAL PROGRAM
March 3, 2018
Loews Atlanta Hotel
Atlanta, GA

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Jointly provided by ASE and the ASE Foundation, and held in cooperation with the Society of Cardiovascular Anesthesiologists.
Overview of ASE’s Symposium

The Symposium on Interventional Echocardiography and Decision-making in Structural Heart Disease is not only a fantastic offering immediately following SCA Echo Week 2018, but the content focuses on the role of echocardiography within the structural heart team.

This symposium will feature multidisciplinary experts in interventional echocardiography, interventional cardiology, cardiac anesthesiology, and cardiac surgery – all engaged in the heart valve team approach to structural heart disease. The program is composed of various educational formats including pertinent didactic lectures, interactive illustrations of procedural image guidance during cutting-edge, catheter-based, structural heart interventions, bio-skills demonstrations that correlate clinical presentations, echocardiographic imaging and actual pathology, as well as simulations of heart valve team conferences where structural heart cases are being discussed.

All attendees should have a practical knowledge of echocardiography to fully benefit from this program.

Target Audience

The Symposium on Interventional Echocardiography and Decision-making in Structural Heart Disease will provide an ideal educational forum for cardiologists, cardiac anesthesiologists, fellows and other trainees, sonographers, surgeons, and others who either perform procedural image guidance with TEE or are involved in catheter-based therapies to structural heart disease.

Learning Objectives

- Illustrate the utility of real-time two- and three-dimensional transesophageal echocardiography (2D and 3D TEE) in interventional echocardiography
- Demonstrate procedure-specific imaging needs in the structural heart disease domain
- Discuss procedure-specific challenges and how to overcome them with procedural TEE and procedural intracardiac echo (ICE)
- Review appropriate procedure-specific terminology that facilitates communication between the interventional echocardiographer and the interventionalist/surgeon
- Recognize potential complications of percutaneous interventions for structural heart disease using echocardiography to provide safe and more efficacious care
- Define the role of the interventional echocardiographer as a key member of the multi-disciplinary heart valve team

Commercial Support Disclosure Statement

Educational Grants: The activity is supported in part by unrestricted educational grants from Abbott, Biosense Webster, Boston Scientific, Edwards Lifesciences, LivaNova, and Medtronic, Inc.
Schedule of Events

Saturday, March 3, 2018 - Ellington Ballroom

7:00 AM  Registration and Breakfast
7:25 AM  Welcome  G. Mackensen

Catheter-based Interventions for the Tricuspid Valve
Moderators: R. Hahn, R. Martin
7:30 AM  Anatomic Perspectives of the Interventional Cardiologist  
D. Levin, M. Reisman
7:50 AM  What Are We Doing Now and What We Will Be Doing in Five Years?  
C. Meduri
8:10 AM  Tricuspid Valve Repair: Image Guidance with TEE  
R. Hahn
8:30 AM  Question and Answer
8:40 AM  Refreshment Break

Percutaneous Valve in Native Mitral Valve
Moderators: S. Mankad, M. Reisman
8:45 AM  Planning Perspectives for Native Mitral Valve-In-Valve  
D. Wang
9:05 AM  Percutaneous Valve in Native With and Without Mitral Valve Calcification: When to Go Hybrid  
D. Tabachnick
9:25 AM  Procedural TEE for Native Mitral Valve-in-Valve (ViV) and Valve-in-Ring (ViR)  
G. Mackensen
9:45 AM  Question and Answer
10:00 AM  Refreshment Break

Transseptal Approaches and MitraClip
Moderators: G. Mackensen, D. Wang
10:15 AM  Transseptal Approaches: Anatomic Perspectives of the Interventional Cardiologist  
D. Levin, M. Reisman
10:35 AM  2D and 3D TEE to Make the Transseptal Puncture Efficient and Safe  
F. Mahmood
10:55 AM  Complex Transcatheter MitraClip: Commissural and Inter-clip Regurgitation  
D. Shook
11:15 AM  Question and Answer
11:30 AM  Lunch

Transcatheter Valves in Degenerative Bioprosthetic Valves
Moderators: R. Martin, C. Meduri
12:30 PM  Rapid Fire: Pre-Procedure Assessment of the Patient with Failing Mitral or Aortic Bioprosthesis  
S. Mankad
12:50 PM  Aortic Valve-in-Valve with TAVR: Role of Procedural TEE  
A. Nicoara

1:10 PM  Mitral Valve-in-Valve: How to Optimize the Implantation  
D. Shook
1:40 PM  Question and Answer
2:00 PM  Refreshment Break

Heart Valve Team: Putting It All Together
2:15 PM  Simulated Heart Valve Team Meeting: Case Presentations with Focus on Tricuspid Valve  
F. Mahmood  
Panelists: R. Hahn, R. Martin, C. Meduri, D. Tabachnick, D. Wang
3:00 PM  Simulated Heart Valve Team Meeting: Case Presentations with Focus on Mitral Valve  
D. Wang  
Panelists: G. Mackensen, S. Mankad, M. Reisman, D. Tabachnick
3:45 PM  Question and Answer
4:00 PM  Adjourn

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 (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 7.0 AMA PRA Category 1 Credits™. Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn 7.0 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program.

This activity contributes to the CME requirement for Part II: Lifelong Learning and Self Assessment of the American Board of Anesthesiology’s (ABA) redesigned Maintenance of Certification in Anesthesiology Program® (MOCA®), known as MOCA 2.0®. Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 7.0 MOCA points in the ABA’s MOCA 2.0 program.

Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is ASE’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC and ABA MOCA 2.0 points.
Faculty Disclosures

**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.

**Disclosure**

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**Faculty Disclosure**

The following faculty members do not have any relationships with industry/commercial supporters to disclose:

- Dmitry Levin
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The following faculty members do have financial relationships with industry/commercial supporters to disclose:

- Rebecca Hahn, MD, FASE - Abbott Structural (Speaker / Speaker’s Bureau); Boston Scientific (Speaker / Speaker’s Bureau); GE Medical (Speaker / Speaker’s Bureau); Gore and Associates (Consultant, Advisor); NaviGate (Consultant, Advisor); Philips Healthcare (Speaker / Speaker’s Bureau)
- Christopher Meduri, MD, MPH - Abbott (Consultant, Advisor); Boston Scientific (Speaker / Speaker’s Bureau); Medtronic (Consultant, Advisor)
- Douglas Shook, MD, FASE - Boston Scientific (Other – Education); Edwards Lifesciences (Other – Education)
- Dee Dee Wang, MD, FASE - Boston Scientific (Consultant, Advisor); Edwards Lifesciences (Consultant, Advisor); Materialise (Consultant, Advisor)

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- Margaret Park, BS, ACS, RDCS, RVT, FASE - Davis Publishing Inc. (Royalty, Patents)
- William Perez, MD, MA, FASE - Alibaba Holdings (Stock Ownership); American Energy Industries (Stock Ownership) Myriad Genetics (Stock Ownership)
- Vera Rigolin, MD, FASE - Pfizer (Stock Ownership)
- Raymond Stainback, MD, FASE - GE (Stock Ownership)

All members of the ASE staff who were involved in the planning and implementation of this activity do not have any relationships with industry/commercial supporters to disclose:

- Christina LaFuria, Director of Education
- Mary Lawson, CME Coordinator
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- Robin Wiegerink, MNPL, Chief Executive Officer