

Echo Course - Agenda

Last updated March 5, 2015 at 3:36 pm

Sunday, April 26, 2015

Day 1	
Accreditation: CME	
Sunday, April 26	
7:15 AM - 6:30 PM	
Room: TBD	
Registration and Continental Breakfast	
7:15 AM - 7:50 AM	
Introduction and Plenary	
7:50 AM - 8:20 AM	
7:50 AM	Introduction <i>Rebecca T. Hahn</i>
8:00 AM	Plenary Lecture: Echocardiography in 2015 and Beyond: Where We Are and Where We Are Going <i>Neil J. Weissman</i>
Fundamental and Advanced Chamber Quantification: The ASE Guidelines and Beyond	
8:20 AM - 12:05 PM	
8:20 AM	Artifacts of Imaging and Doppler: Know Your Physics <i>James D. Thomas</i>
8:40 AM	Quantifying the Left Heart (LV and LA): Tips and Tricks for Accurate Measurements <i>Rebecca T. Hahn</i>
9:00 AM	Quantifying Myocardial Mechanics: Strain/Torsion and Beyond <i>James D. Thomas</i>
9:20 AM	Hemodynamics I: The Building Blocks of Quantitation (SV, CO, Bernoulli and Continuity) <i>Gerard P. Aurigemma</i>
9:40 AM	Exhibitors/Break
10:15 AM	Hemodynamics II: Echo Quantification of Valvular Regurgitation (Vena Contracta, Effective Regurgitant Orifice Area, and Regurgitant Volume) <i>Linda D. Gillam</i>
10:35 AM	Hemodynamics III: Advanced Hemodynamic Cases <i>Gerard P. Aurigemma</i>
10:55 AM	Quantifying the Right Heart: Summary of the ASE Guidelines <i>Neil J. Weissman</i>
11:15 AM	3D Echocardiography: Introduction and Application <i>Rebecca T. Hahn</i>
11:35 AM	Exhibitors/Box Lunch Pickup
Lunch with Lectures/Cases - Cases of Strain Imaging in Clinical Practice: Situations Where Strain Makes a Difference	
12:05 PM - 1:00 PM	
Moderator: Fletcher A. Miller Jr	
Case Presenters: Gerard P. Aurigemma, Jennifer Liu, James D. Thomas	
Heart Failure: Acute and Decompensated/Systolic and Diastolic	
1:00 PM - 5:40 PM	
1:00 PM	Rapid-fire Case Review: Cardiomyopathies <i>Michael H. Picard</i>
1:20 PM	Cardiotoxicity Due to Cancer Therapy: The Role of Echocardiography? <i>Jennifer Liu</i>
1:40 PM	Hypertrophic Cardiomyopathy: Diagnosis and Management <i>Mario J. Garcia</i>

2:00 PM	End-stage Heart Failure: Balloon-Pump, Assist-Devices, and Cardiac Transplantation <i>Michael H. Picard</i>
2:20 PM	Echo Assessment of Diastolic Function I: How to Measure and What It Means <i>Mario J. Garcia</i>
2:40 PM	Echo Assessment of Diastolic Function II: Pericardial Disease <i>Fletcher A. Miller Jr</i>
3:00 PM	Question and Answer Session
3:10 PM	Exhibitors/Break
3:40 PM	Echo Assessment of Diastolic Function III: Putting Diastolic Function Assessment Into Clinical Practice <i>Linda D. Gillam</i>

4:00 PM - 5:40 PM **The Evaluation of Chest Pain: Coronary Artery and Aortic Disease**

4:00 PM	Acute Coronary Syndromes: Old and New Methods for Assessment <i>Michael H. Picard</i>
4:20 PM	Rapid-fire Case Review: Complications of Acute Myocardial Infarction <i>James D. Thomas</i>
4:40 PM	Stress Echocardiography: Wall Motion and Hemodynamics <i>Gerard P. Aurigemma</i>
5:00 PM	Quality Initiatives: How Can They Improve Your Clinical Practice? <i>Neil J. Weissman</i>
5:20 PM	Question and Answer Session

I. Cardiomyopathy/Diastology Cases

5:40 PM - 6:30 PM

Moderator: *Michael H. Picard*

Case Presenters: *Mario J. Garcia, Jennifer Liu, Fletcher A. Miller Jr*

Monday, April 27, 2015

Day 2

Accreditation: CME

Monday, April 27

7:30 AM - 5:00 PM

Room: TBD

Registration and Continental Breakfast

7:30 AM - 8:00 AM

Valvular Heart Disease

7:30 AM - 12:15 PM

7:30 AM	Live Dissection Valvular Heart Disease: Aortic and Mitral Valves <i>Madalina Petrescu</i>
8:00 AM	Aortic Stenosis Quantitation: Old and New Methods of Assessment <i>Philippe Pibarot</i>
8:25 AM	Mitral Stenosis Quantitation: When Pressure Halftime Fails <i>Linda D. Gillam</i>
8:50 AM	Asymptomatic Aortic and Mitral Disease: The Clinician's Dilemma <i>Neil J. Weissman</i>
9:15 AM	Integrating the ASE Prosthetic Valve Guidelines Into Daily Practice <i>Fletcher A. Miller Jr</i>
9:40 AM	Exhibitors/Break
10:15 AM	Prosthesis-Patient Mismatch: Why and How Do We Assess?

10:40 AM **Live Dissection Valvular Heart Disease: Tricuspid and Pulmonic Valves**
Madalina Petrescu

11:00 AM **Right Heart Valvular Disease: When to Intervene**
Rebecca T. Hahn

11:25 AM **The Role of 3D Echo in Valvular Heart Disease**
Omar K. Khalique

11:45 AM **Exhibitors/Box Lunch Pickup**

Working Box Lunch Session: Case Studies to Illustrate Pitfalls in Quantification of Valvular Heart Disease

12:15 PM - 1:15 PM
Moderator: Linda D. Gillam
Case Presenters: Mario J. Garcia, Omar K. Khalique, Philippe Pibarot, Michael H. Picard

Valvular Heart Disease

1:15 PM - 2:00 PM

1:15 PM **Bubble Science: Contrast Theory and Practice**
James D. Thomas

1:35 PM **Rapid-fire Case Review: Where Echo Contrast Makes a Difference**
Michael H. Picard

Transesophageal Echo I: Essential Imaging Planes and 3D

2:00 PM - 2:20 PM
Rebecca T. Hahn

Acute Aortic Syndromes

2:20 PM - 2:40 PM
Rebecca T. Hahn

Question and Answer Session

2:40 PM - 3:00 PM

Exhibitors/Break

3:00 PM - 3:20 PM

Echocardiography-Based Clinical Decision-Making

3:20 PM - 5:00 PM

3:20 PM **Clinical Decision Making in Endocarditis**
Jennifer Liu

3:40 PM **Clinical Decision Making in Stroke and Atrial Fibrillation**
Fletcher A. Miller Jr

4:10 PM **Peri-operative Echocardiography: Decision Making in the Surgical Patient**
Jack S. Shanewise

4:25 PM **Can Echo Stand Alone? The Value of Multimodality Imaging**
Mario J. Garcia

4:40 PM **Question and Answer Session**

Concurrent Session I

Accreditation: CME

Monday, April 27
5:00 PM - 6:00 PM
Room: TBD

Cases: Diagnostic Dilemmas

5:00 PM - 6:00 PM

Moderator: Rebecca T. Hahn

Case Presenters: Gerard P. Aurigemma, Mario J. Garcia, Fletcher A. Miller Jr, Michael H. Picard, James D. Thomas

Concurrent Session II

Accreditation: CME

Monday, April 27

5:00 PM - 6:00 PM

Room: TBD

Practical Workshop: Advanced Echo (Strain/3D)

5:00 PM - 6:00 PM

Antonio Giurato, Jennifer Liu, Wendy Ramirez

Tuesday, April 28, 2015

Day 3

Accreditation: CME

Tuesday, April 28

7:30 AM - 12:30 PM

Room: TBD

Registration and Continental Breakfast

7:30 AM - 8:00 AM

Congenital and Pediatric Echocardiography

8:00 AM - 10:10 AM

8:00 AM

Point of Care Echo

Vivek K. Moitra

8:20 AM

Pediatric Echocardiography: Overview of Quantification and Lessons Learned

Wyman W. Lai

8:50 AM

Echocardiographic Approach to Congenital Heart Disease I: Evaluating the Unoperated Adult

Karen Stout

9:20 AM

Approach to Congenital Heart Disease II: Imaging for Transcatheter Closure of ASD and VSD

Robert J. Sommer

9:50 AM

Approach to Congenital Heart Disease III: Evaluating the Post-operative Adult

Karen Stout

Exhibitors/Break

10:10 AM - 10:40 AM

Clinical Topics

10:40 AM - 12:30 PM

10:40 AM

Cardiac Masses

Jennifer Liu

11:00 AM

Echo Evaluation of Pregnant Patients With Heart Disease

Karen Stout

11:20 AM

Vascular Imaging: Another Tool in Cardiac Risk Assessment

Timothy J. Crimmins

11:40 AM

Screening of Athletes: Echo and Other Modalities

Karen Stout

12:00 PM

Question and Answer Session

12:20 PM

Closing Remarks

Sonographer Course: Focus on Valvular Heart Disease

Accreditation: CME

Tuesday, April 28

1:00 PM - 5:00 PM

Room: TBD

Introduction

1:00 PM - 1:10 PM

Rebecca T. Hahn

Anatomy of the Valves: Think Three-dimensional

1:10 PM - 1:30 PM

Madalina Petrescu

Demonstration: Tips and Tricks for Optimizing Imaging in Valvular Heart Disease

1:30 PM - 2:00 PM

Omar K. Khalique

Lecture: Quantification of Aortic and Mitral Valve Stenosis

2:00 PM - 2:20 PM

Fletcher A. Miller Jr

Valvular Stenosis Case Studies

2:20 PM - 3:00 PM

Fletcher A. Miller Jr

Lecture: Quantification of Aortic and Mitral Valve Regurgitation

3:00 PM - 3:20 PM

Madalina Petrescu

Valvular Regurgitation Case Studies

3:20 PM - 4:00 PM

Fletcher A. Miller Jr

Using 3D TTE for Assessing Valvular Disease

4:00 PM - 4:20 PM

Omar K. Khalique

Valvular Heart Disease: Take-home Points for Sonographers

4:20 PM - 4:50 PM

Fletcher A. Miller Jr

Final Question and Answer Session

4:50 PM - 5:00 PM

Fletcher A. Miller Jr

3D Echo Workshop

Accreditation: CME

Tuesday, April 28

1:30 PM - 5:00 PM

Room: TBD

Three-dimensional Echo Workshop

1:30 PM - 5:00 PM

1:30 PM

Introduction to the Workshop

Rebecca T. Hahn

1:40 PM

Introduction to 3D Echo: Acquisition and Image Display

Rebecca T. Hahn

2:00 PM

Hands-on Anatomy Workshop: Dissection of the Heart

Madalina Petrescu

2:30 PM

Live Demonstration of 3D Acquisition and Display

Antonio Giurato, Rebecca T. Hahn, Nadira Hamid, Omar K. Khaliq, Jennifer Liu, Madalina Petrescu, Wendy Ramirez

WORKSHOP 3DQ: Image Display and Cropping/Pitfalls of 3D Quantification

3:00 PM - 4:00 PM

Rebecca T. Hahn, Nadira Hamid, Omar K. Khaliq, Madalina Petrescu

WORKSHOP 3DQA: Calculating EF and Strain/Pitfalls of 3D Quantification

4:00 PM - 4:20 PM

Antonio Giurato, Rebecca T. Hahn, Nadira Hamid, Omar K. Khaliq, Jennifer Liu, Madalina Petrescu, Wendy Ramirez

Mitral: Updates on Analysis

4:20 PM - 4:40 PM

Madalina Petrescu

When to Use 3D to Image Valvular Heart Disease

4:40 PM - 5:00 PM

Rebecca T. Hahn