

Critical Care Echocardiography Review Course

Agenda

OLC Education & Conference Center

Rosemont, Illinois, USA

November 7-9, 2022

Learning Objectives:

1. Discuss relevant clinical topics and updates to increase knowledge base in critical care echocardiography
2. Assess the scientific foundations and literature evidence for using echocardiography in critically ill patients
3. Apply effective learning approaches, including case-based discussion and question review, to implement echocardiography in the critical care setting

Cochairs:

Sara Nikravan, MD

Michael J. Lanspa, MD, MS, FASE, FCCM

Monday, November 7, 2022, 7:00 a.m. – 5:50 p.m.

6:15 a.m. – 7:00 a.m.

Registration

7:00 a.m. – 7:15 a.m.

Welcome and Introduction

Sara Nikravan, MD, FASE

Michael J. Lanspa, MD, MS, FASE, FCCM

7:15 a.m. – 7:30 a.m.

Overview of Course Agenda and NBE Examination Overview

Sara Nikravan, MD, FASE

Jan Kasal, MD, FASE, FCCM

7:30 a.m. – 8:10 a.m.

Fundamentals of Physics and Knobology

Daniel W. Johnson, MD, FCCM

8:10 a.m. – 8:50 a.m.

Concepts of Imaging, Artifacts, and Knobology

Vera Rigolin, MD, FASE

8:50 a.m. – 9:30 am.

Normal Transthoracic Examination

Vera Rigolin, MD, FASE

9:30 a.m. – 10:00 a.m.

Questions and Answers/Discussion

Daniel W. Johnson, MD, FCCM

Michael J. Lanspa, MD, MS, FASE, FCCM
Vera Rigolin, MD, FASE

10:00 a.m. – 10:15 a.m.

Break

10:15 a.m. – 10:55 a.m.

Transesophageal Echocardiography Views
Marcus Behrens, MD

10:55 a.m. – 11:35 a.m.

Left Ventricular Systolic Function
Daniel W. Johnson, MD, FCCM

11:35 a.m. – 12:15 p.m.

Left Ventricular Diastolic Function
Sara Nikravan, MD, FASE

12:15 p.m. – 1:15 p.m.

Lunch
Questions and Answers/Discussion
Marcus Behrens, MD
Daniel W. Johnson, MD, FCCM
Sara Nikravan, MD, FASE

1:15 p.m. – 1:55 p.m.

Evaluation of Right Ventricle
Sara Nikravan, MD

1:55 p.m. – 2:35 p.m.

Hemodynamics (Static Evaluation of Intracardiac Pressures)
Jan Kasal, MD, FASE, FCCM

2:35 p.m. – 3:15 p.m.

Volume Status and Fluid Responsiveness (Dynamic Evaluation)/Heart-Lung Interactions
Michael J. Lanspa, MD, MS, FASE, FCCM

3:15 p.m. – 3:45 p.m.

Questions and Answers/Discussion
Jan Kasal, MD, FASE, FCCM
Michael J. Lanspa, MD, MS, FASE, FCCM
Sara Nikravan, MD

3:45 p.m. – 4:00 p.m.

Break

4:00 p.m. – 4:40 p.m.

Ultrasound of the Lung and Pleura

Alberto Goffi, MD

4:40 p.m. – 5:20 p.m.

Respiratory Failure

Alberto Goffi, MD

5:20 p.m. – 5:50 p.m.

Questions and Answers/Discussion

Alberto Goffi, MD

Sara Nikravan, MD

Tuesday, November 8, 2022: 7:30 a.m. – 5:30 p.m.

7:00 a.m. – 7:30 a.m.

Registration

7:30 a.m. – 7:45 a.m.

Welcome and Introduction

Michael J. Lanspa, MD, MS, FASE, FCCM

Sara Nikravan, MD

7:45 a.m. – 8:15 a.m.

Pericardial Disease Including Tamponade

Brandon M. Wiley, MD, MS, FACE, FACC

8:15 a.m. – 8:55 a.m.

Shock

Jan Kasal, MD, FASE, FCCM

8:55 a.m. – 9:25 a.m.

Cardiac Arrest

Lisa Rapoport, MD, MS

9:25 a.m. – 9:55 a.m.

Questions and Answers/Discussion

Jan Kasal, MD, FASE, FCCM

Lisa Rapoport, MD, MS

Brandon M. Wiley, MD, MS, FACE, FACC

9:55 a.m. – 10:10 a.m.

Break

10:10 a.m. – 10:40 a.m.

Heart Failure and Cardiomyopathies

Courtney Bennett, DO, FACC

10:40 a.m. – 11:10 a.m.

Pulmonary Hypertension Syndromes Including Pulmonary Embolism

Michael J. Lanspa, MD, MS, FASE, FCCM

11:10 a.m. – 11:40 a.m.

The Aorta and Other Great Vessels

Courtney Bennett, DO, FACC

11:40 a.m. – 12:40 p.m.

Lunch

Questions and Answers/Discussion

Courtney Bennett, DO, FACC

Sara Nikravan, MD

Michael J. Lanspa, MD, MS, FASE, FCCM

12:40 p.m. – 1:10 p.m.

Acute Respiratory Distress Syndrome

Paul K. Mohabir, MD, FCCM

1:10 p.m. – 1:40 p.m.

Vascular Ultrasound

Lisa Rapoport, MD, MS

1:40 p.m. – 2:10 p.m.

Trauma Including Focused Assessment With Sonography Examination

Enyo Ablordeppey, MD, MPH, FACEP, FCCM

2:10 p.m. – 2:40 p.m.

Questions and Answers/Discussion

Lisa Rapoport, MD, MS

Enyo Ablordeppey, MD, MPH, FACEP, FCCM

Paul K. Mohabir, MD, FCCM

2:40 p.m. – 2:55 p.m.

Break

2:55 p.m. – 3:35 p.m.

Abdominal Ultrasound

Enyo Ablordeppey, MD, MPH, FACEP, FCCM

3:35 p.m. – 4:05 p.m.

Devices and Foreign Bodies

Brandon M. Wiley, MD, MS, FACE, FACC

4:05 p.m. – 4:45 p.m.

Ischemic Heart Disease and Left Ventricular Regional Function

Vincent L. Sorrell, MD, FACP, FACC, FASE

4:45 p.m. – 5:30 p.m.

Questions and Answers/Discussion

Enyo Ablordeppey, MD, MPH, FACEP, FCCM
Brandon M. Wiley, MD, MS, FACE, FACC
Vincent L. Sorrell, MD, FACP, FACC, FASE

Wednesday, November 9, 2022: 7:30 a.m. – 12:30 p.m.

7:00 a.m. – 7:30 a.m.

Registration

7:30 a.m. – 7:45 a.m.

Welcome and Introduction

Michael J. Lanspa, MD, MS, FASE, FCCM

Sara Nikravan, MD

7:45 a.m. – 8:25 a.m.

Aortic Valve Disease

John Kotter, MD

8:25 a.m. – 9:05 a.m.

Tricuspid and Pulmonic Valve

Cynthia Taub, MBA, MD

9:05 a.m. – 9:45 a.m.

Mitral Valve

John Kotter, MD

9:45 a.m. – 10:15 a.m.

Questions and Answers/Discussion

John Kotter, MD

Cynthia Taub, MBA, MD

Vince L. Sorrell, MD, FACP, FACC, FASE

10:15 a.m. – 10:30 a.m.

Break

10:30 a.m. – 11:10 a.m.

Intracardiac Masses Including Endocarditis

Cynthia Taub, MBA, MD

11:10 a.m. – 11:50 a.m.

Congenital Heart Disease in Adults

Vincent L. Sorrell, MD, FACP, FACC, FASE

11:50 a.m. – 12:20 p.m.

Questions and Answers/Discussion

Sara Nikravan, MD

Vincent L. Sorrell, MD, FACP, FACC, FASE

Cynthia Taub, MBA, MD

12:20 p.m. – 12:30 p.m.

Moving Forward/Adjournment

Michael J. Lanspa, MD, MS, FASE, FCCM

Sara Nikravan, MD