

## Program

**Saturday, April 30, 2022**

*(8.25 credits)*

7:30 am Registration and Breakfast

8.00 am Welcome and Introduction

**Hari Kalagara, MD**

### Airway, Lung, Gastric, Focused Assessment with Sonography for Trauma (FAST), DVT Ultrasound

#### Pre-Course eLearning (www.USabcd.org)

Airway Ultrasound

Basic Lung Ultrasound

Ultrasound Assessment of Gastric Content

Focused Assessment with Sonography for Trauma (FAST)

Deep Vein Thrombosis (DVT)

#### Lectures

8:15 am Introduction to Gastric

8:30 am Introduction to FAST

**J Blair de Haan, MD**  
**Robert Jones, MD**

#### Hands-On

8:45 am Concurrent Stations: Gastric and FAST

10:00 am Break

#### Lectures

10:15 am Introduction to Airway Exam

10:30 am Introduction to Lung Exam

10.45am Introduction to DVT exam

**Rakesh Sondekoppam, MD**  
**Lars Knudsen, MD**  
**William Manson, MD**

#### Hands-On

11:00 am Concurrent Stations: Airway, Lung and DVT

12:15pm **Lunch**

1:15 pm Introduction to Gastric, FAST, Lung, and Airway and DVT Clinical Scenarios

1:30 pm Clinical Scenario Hands-On Simulation

- Presentation of a clinical scenario requiring PoCUS (total of 5).
  - Case 1: Airway **Iyabo Muse, MD**
  - Case 2: Lung **Abhilash Koratala, MD**
  - Case 3: Gastric 1 (Full Stomach/fluids) **Melissa Byrne, DO**
  - Case 4: FAST **Robert Jones, MD**
  - Case 5: DVT **Jennifer Potter, MD**

A participant in each group is given 3 minutes to perform the exam and interpret their best images.

- The participant receives feedback.

- The clinical scenario is revisited with a diagnosis and real-life images.

### Focused Cardiac Ultrasound

#### Pre-Course eLearning (www.USabcd.org)

Basic Focus Assessed Transthoracic Echocardiography (FATE)

#### Lecture

2:15 pm Standard Cardiac Views and Inferior Vena Cava Imaging (IVC)

**Erik Sloth, MD**

#### Hands-On

2:45 pm Concurrent Stations: Standard Cardiac Views and IVC Imaging

4:15 pm Break

#### Lecture

# Introduction to Perioperative Point-of-Care Ultrasound

April 30-May 1, 2022 | Chicago, IL

#ASRAPOCUS

<b>Hands-On</b>	4:30 pm	M-Mode in the Apical 4-Chamber View: Global Ventricular Function Assessment	<b>Stephen Haskins, MD</b>
	4:45 pm	Concurrent Stations: Repeat Standard Cardiac Views, MAPSE/TAPSE, Global Ventricular Function Assessment	
	6:00 pm	Adjournment	

## Sunday, May 1, 2022

(5 credits)

7:30 am Registration and Breakfast

### Focused Cardiac Ultrasound (continued)

#### Pre-Course eLearning ([www.USabcd.org](http://www.USabcd.org))

Basic Focus Assessed Transthoracic Echocardiography (FATE)

<b>Lecture</b>	8:00 am	Venous Excess Ultrasound Scan (VExUS) for fluid congestion	<b>Abhilash Koratala, MD</b>
	8:15 am	M-Mode in the Parasternal Long Axis View: Fractional Shortening, Mitral Septal Separation, and Aortic/Left Atrial Diameter	<b>Nadia Hernandez, MD</b>
<b>Hands-On</b>	8:30 am	Concurrent Stations: Fractional Shortening, Mitral Septal Separation, and Aortic/Left Atrial Diameter	
	9:45 am	Focused Echocardiography in Emergency Life Support (FEEL)	<b>Oliver Panzer, MD</b>
	10:00 am	FEEL Protocol Simulation/Clinical Scenario	<b>Nibras Bughrara, MD</b>
<b>Lecture</b>	10:15 am	Concurrent Stations: Repeat Standard Cardiac Views, practice obtaining subcostal 4C view in <10 seconds and then view pathology	
	10:45 am	Break	
	11:00 am	Clinical Scenarios and Basic Focus Assessed Transthoracic Echocardiography (FATE) Certification	<b>Erik Sloth, MD</b>
<b>Hands-On</b>	11:15 am	Concurrent Stations: Application of Focused Cardiac Ultrasound in the "Real World" and Basic FATE Certification	
		<ul style="list-style-type: none"> <li>• Presentation of a clinical scenario requiring a focused cardiac ultrasound exam</li> <li>• One participant in each group performs a Basic FATE exam and is given 9 minutes (90 seconds per view) to perform and record their best images</li> <li>• That participant receives feedback (2-3 minutes) on image quality and how to better optimize views</li> <li>• The clinical scenario is revisited with a diagnosis and real-life ultrasound images of pathology</li> <li>• There are a total of 5 clinical scenarios/rotations, allowing each participant to be tested</li> </ul>	
<b>Review and Certification</b>			
	1:00 pm	Q&A, Closing Remarks, and Basic FATE Certificate Issuance ( <i>must be present to be certified</i> )	
	1:15 pm	Free Scanning with Faculty ( <i>optional, VExUS scanning</i> )	
	1:45 pm	Airway/Lung/Gastric/FAST/DVT Refresher ( <i>optional</i> )	
	2:00 pm	Final Adjournment	