

Program

Friday, September 22, 2023

- 5:00 pm **Faculty Orientation, Briefing, Practice Scanning (Deep Vein Thrombosis new station)**
6:30 pm Adjournment

Saturday, September 23, 2023

(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

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

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
 - Case 2: Lung
 - Case 3: Gastric 1 (Full Stomach/fluids)
 - Case 4: FAST
 - Case 5: DVT

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

Introduction to Perioperative Point-of-Care Ultrasound Course

September 23-24, 2023 | Salt Lake City, Utah

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Hands-On	2:15 pm	Standard Cardiac Views and Inferior Vena Cava Imaging (IVC)
	2:45 pm	Concurrent Stations: Standard Cardiac Views and IVC Imaging
	4:15 pm	Break
Lecture	4:30 pm	M-Mode in the Apical 4-Chamber View: Global Ventricular Function Assessment
Hands-On	4:45 pm	Concurrent Stations: Repeat Standard Cardiac Views, MAPSE/TAPSE, Global Ventricular Function Assessment
	6:00 pm	Adjournment

Sunday, September 24, 2023

(5 credits)

7:30 am Registration and Breakfast

Focused Cardiac Ultrasound *(continued)*

Pre-Course eLearning (www.USabcd.org)

Basic Focus Assessed Transthoracic Echocardiography (FATE)

Lecture

8:00 am POCUS for medical procedures
8:15 am M-Mode in the Parasternal Long Axis View: Fractional Shortening, Mitral Septal Separation, and Aortic/Left Atrial Diameter

Hands-On

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)
10:00 am FEEL protocol simulation/Clinical scenario
10:15am Concurrent Stations: Repeat Standard Cardiac Views, practice obtaining subcostal SC view in <10 seconds and then view pathology

Lecture

10:45 am Break
11:00 am Clinical Scenarios and Basic Focus Assessed Transthoracic Echocardiography (FATE) Certification

Hands-On

11:15 am Concurrent Stations: Application of Focused Cardiac Ultrasound in the "Real World" and Basic FATE Certification

- Presentation of a clinical scenario requiring a focused cardiac ultrasound exam
- 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
- That participant receives feedback (2-3 minutes) on image quality and how to better optimize views
- The clinical scenario is revisited with a diagnosis and real-life ultrasound images of pathology
- There are a total of 5 clinical scenarios/rotations, allowing each participant to be tested

Review and Certification

1:00 pm Q&A, Closing Remarks, and Basic FATE Certificate Issuance *(must be present to be certified)*
1:15 pm Free Scanning with Faculty *(optional)*

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- 1 :45 pm Airway/Lung/Gastric/FAST/DVT Refresher (*optional*)
- 2 :00 pm Final Adjournment