

Introduction to Perioperative Point-of-Care Ultrasound Course

February 10-11, 2024 | Scottsdale, Arizona

#ASRAPOCUS

Program

Friday, February 9, 2024

Faculty Orientation, Briefing, Practice Scanning

5:00 pm

6:30 pm

Adjournment

Saturday, February 10, 2024

(8.25 credits)

7:30 am Registration

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, 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)

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Basic Focus Assessed Transthoracic Echocardiography (FATE)

Lecture	2:15 pm	Standard Cardiac Views and Inferior Vena Cava (IVC) Imaging
Hands-On	2:45 pm	Concurrent Stations: Standard Cardiac Views
	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, February 11, 2024

(5 credits)

7:30 am Registration

Focused Cardiac Ultrasound *(continued)*

Pre-Course eLearning (www.USabcd.org)

Basic Focus Assessed Transthoracic Echocardiography (FATE)

Lecture	8:00 am	Abdominal ultrasound beyond FAST
	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: Repeat Standard Cardiac Views, Fractional Shortening, Mitral Septal Separation, and Aortic/Left Atrial Diameter
	9:45 am	Focused Echocardiography in Emergency Life Support (FEEL):
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 <ul style="list-style-type: none"> • 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 Faculty stations same as above
Review and Certification	1:00 pm	Q&A, Closing Remarks, and Basic FATE Certificate Issuance <i>(must be present to be certified)</i>

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- 1:15 pm Free Scanning with Faculty (*optional*)
- 1 :45 pm Airway/Lung/Gastric/FAST/DVT Refresher (*optional*)
- 2 :00 pm Final Adjournment