



Introduction to Perioperative Point-of-Care Ultrasound

November 6-7, 2021 | Chicago, Illinois
Hyatt Centric Chicago Magnificent Mile

Jointly provided with:
usabcd
UltraSound Airway Breathing Circulation Dolor
#ASRAPoCUS



Program

Saturday, Nov 6, 2021

(8.25 credits)

- 7:30 am Registration and Breakfast
- 7.55 am Welcome and Introduction
- 8:05am ASA Diagnostic PoCUS Certificate Program

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

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

Hands-On

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



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Lecture	4:15 pm	Break
	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 with Global Ventricular Function Assessment
	6:00 pm	Adjournment

Sunday, Nov 7, 2021

(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 Point-of-Care Ultrasound in the Era of COVID-19
- 8:15 am M-Mode in the Parasternal Long Axis View: Fractional Shortening, Mitral Septal Separation, and Aortic/Left Atrial Diameter

Hands-On

- 8:35 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 Concurrent Stations: Repeat Standard Cardiac Views, MAPSE/TAPSE, MSS/FS/Ao/LA
- 10:30am FEEL protocol simulation/clinical scenario: practice obtaining subcostal 4C view in <10 seconds and then view pathology

Lecture

- 10:40 am Break
- 10:55 am Clinical Scenarios and Basic Focus Assessed Transthoracic Echocardiography (FATE) Certification

Hands-On

- 11:10 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)*
- 1:30 pm Airway/Lung/Gastric/FAST/DVT Refresher *(optional)*
- 1:45 pm Final Adjournment