

## Program

### Friday, September 9, 2022

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

### Saturday, September 10, 2022

(8.25 credits)

- 7:30 am Registration and Breakfast  
8.00 am Welcome and Introduction

### 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)

# Introduction to Perioperative Point-of-Care Ultrasound

September 10-11, 2022 | San Diego, CA

#ASRAPOCUS

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

## Sunday, September 11, 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  | 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  |
| <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)   |
|                 | 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   |
|                 | 10:45 am | Break   |
| <b>Lecture</b>  | 11:00 am | Clinical Scenarios and Basic Focus Assessed Transthoracic Echocardiography (FATE) Certification   |
| <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> |

**Faculty stations same as above**

### Review and Certification

# Introduction to Perioperative Point-of-Care Ultrasound

September 10-11, 2022 | San Diego, CA

#ASRAPOCUS

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