

## Program

**Saturday, September 26, 2026**

**(7.25 credits)**

7:30 am Registration and Breakfast

8:00 am Welcome and Introduction: Hari Kalagara, MBBS, MD

### **Airway, Lung, Gastric, Focused Assessment with Sonography for Trauma, Deep Vein Thrombosis Ultrasound**

#### **Pre-Course eLearning** ([www.USabcd.org](http://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: Oliver Panzer, MD

8:30 am Introduction to FAST: Kiran Rikhraj, MD

#### **Hands-On**

8:45 am **Concurrent Stations: Gastric and FAST**

10:00 am **Break**

#### **Lectures**

10:15 am Introduction to Airway Exam: Kwesi Kwofie, MD

10:30 am Introduction to Lung Exam: Melissa Byrne, DO, MPH

10:45 am Introduction to DVT Exam: Pratheeba Rajkumar, MD

#### **Hands-On**

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

12:15 pm **Lunch**

### **Focused Cardiac Ultrasound**

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

- Basic Focused Assessed Transthoracic Echocardiography (FATE)

#### **Lecture**

1:15 pm Standard Cardiac Views and Inferior Vena Cava (IVC) Imaging: Hari Kalagara, MBBS, MD

**Hands-On**

**1:45 pm**      **Concurrent Stations: Standard Cardiac Views**

**3:15 pm**      **Break**

**Lecture**

3:30 pm      M-Mode in the Apical 4-Chamber View: Global Ventricular Function Assessment: Kiran Rikhranj, MD

**Hands-On**

**3:45 pm**      **Concurrent Stations:** Repeat Standard Cardiac Views, MAPSE/TAPSE, Global Ventricular Function Assessment

**5:00 pm**      **Adjournment**

**Sunday, September 27, 2026**

**(5 credits)**

7:30 am      Registration and Breakfast

**Focused Cardiac Ultrasound (continued)**

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

- Basic FATE

**Lecture**

8:00 am      Neuraxial Ultrasound: Hari Kalagara, MBBS, MD

8:15 am      M-Mode in the Parasternal Long Axis View: Fractional Shortening, Mitral Septal Separation, and Aortic/Left Atrial Diameter: Sana Khan, MD

**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): Oliver Panzer, MD

10:00 am      FEEL protocol simulation/Clinical scenario: Oliver Panzer, MD

**Concurrent Stations:**

Practice obtaining subcostal view in <10 seconds and subcostal cardiac scanning along IVC

**10:45 am**      **Break**

**Lecture**

11:00 am      Clinical Scenarios and Basic FATE Certification: Hari Kalagara, MBBS, MD

**Hands-On**

- 11:15 am      Concurrent Stations: Application of Focused Cardiac Ultrasound in the “Real World” and Basic FATE Certification
- Expert presents 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.
  - Each 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.
  - Additional clinical scenarios/rotations are provided, 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)
- 1:45 pm      Airway/Lung/Gastric/FAST/DVT Refresher (optional)
- 2:00 pm      Final Adjournment**