

UVA Anesthesia Point-of-Care Ultrasound (PoCUS) Course

January 23-24, 2019

Village at Breckenridge
Breckenridge, Colorado

THE DEPARTMENT OF ANESTHESIOLOGY...



THE UNIVERSITY OF VIRGINIA is proud to offer a hands-on course in Point-of-Care Ultrasound for anesthesiologists in Breckenridge, Colorado. The course will cover focused cardiac ultrasound, lung ultrasound, gastric ultrasound, and the FAST exam.

The course will be heavily geared towards hands-on learning. The instructor to student ratio will be 1:4 and there will be minimal lecture time in the classroom to maximize time with your hands on the ultrasound probe. Prior to attending the course, participants will be expected to complete online learning in point of care ultrasound, following the flipped classroom model. The course will cap at 40 participants, so make sure you register early. Please see the schedule below, which leaves significant time to enjoy the slopes at Breckenridge!

This course is not intended to cover transesophageal echo (TEE).

PROVIDED BY the Office of Continuing Medical Education
University of Virginia, School of Medicine



EDUCATIONAL OBJECTIVES

At the conclusion of this course, participants should be able to:

1 Basic Cardiac Ultrasound (FATE)

- Identify the normal sonographic structures of the heart including atria, ventricles, valves and great vessels
- Obtain the 6 basic FATE views including inferior vena cava and pleura
- Use M-mode for assessment of cardiac dimensions and function
- Recognize common pathology
- Recognize rare but life threatening pathology
- Use echocardiographic findings to guide clinical decision making
- Independently perform and interpret a focused cardiac ultrasound exam

2 Focused Assessment with Sonography for Trauma (FAST)

- Identify free fluid in specific anatomic locations
- Independently perform and interpret a FAST exam

3 Ultrasound Assessment of Gastric Content

- Differentiate qualitatively between empty stomach vs. clear fluid vs. solid
- Interpret findings depending on patient position
- Assess the risk of aspiration based qualitative findings and quantitative estimations
- Independently perform and interpret gastric ultrasound

4 Basic Lung Ultrasound

- Choose the appropriate ultrasound system and probe for lung ultrasound imaging
- Identify lung and chest wall structures using 2D ultrasound: skin, muscle, intercostal space, pleura, diaphragm
- Identify the basic sonographic findings of lung ultrasound: A-lines, B-lines, lung sliding, lung point and lung pulse
- Use M-mode to identify characteristic air artifacts suggesting normal aeration pattern: “sea-shore sign”, A-lines with lung sliding and lung pulse
- Use goal directed lung-ultrasound imaging when evaluating the critical care patient
- Independently perform and interpret a point-of-care lung ultrasound exam

COURSE DIRECTOR

William C. Manson, MD

Assistant Professor of Anesthesiology
University of Virginia School of Medicine

GUEST FACULTY

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Accreditation and Designation Statement

The University of Virginia School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of Virginia School of Medicine designates this live activity for a maximum of **16 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The University of Virginia School of Medicine awards 16 hours of participation (equivalent to **16 AMA PRA Category 1 Credits™**) to each non-physician participant who successfully completes this educational activity. The University of Virginia School of Medicine maintains a record of participation for six (6) years.

AGENDA

E-Learning course material is to be completed prior to the course, and will be provided by Ultrasound Airway Breathing Circulation Dolor (USabcd). Access to the online portal will be granted after registration. For more information on USabcd, please visit: <http://usabcd.org/elearning>

Because instructional content is delivered in advance of the meeting, the vast majority of the schedule below will be dedicated to hands-on learning and minimal lecture time.

Wednesday, January 23, 2019

6:00am – 7:00am	Breakfast and Registration
7:00am – 7:30am	Introduction to Point-of-Care Ultrasound
7:30am – 9:30am	Focused Cardiac Ultrasound
9:30am – 3:30pm	Enjoy your afternoon!
3:30pm – 5:00pm	Gastric Ultrasound
5:00pm – 6:00pm	Review of cardiac and gastric ultrasound

Thursday, January 24, 2019

6:00am – 7:00am	Breakfast
7:00am – 8:00am	Lung Ultrasound
8:00am – 9:30am	FAST Exam
9:30am – 3:30pm	Enjoy your afternoon!
3:30pm – 6:00pm	Critical Care Ultrasound

Participants are expected to complete the online e-learning modules prior to the start of the hands-on course.

REGISTRATION

Register and pay online at www.cmevillage.com. **Registration closes on January 2, 2019.** Onsite registrations will not be accepted. Registration is limited to 40 attendees so be sure to register early to reserve your spot!

Early Bird Registration

By Nov. 1, 2018
\$1,250.00

Standard Registration

Nov. 2, 2018 – Jan. 2, 2019
\$1,450.00

TRANSPORTATION

Breckenridge is approximately 104 miles from Denver International Airport. We are pleased to offer a reduced rate for shuttle transportation to and from the airport on Colorado Mountain Express. To book transportation please use the following link:

https://www.coloradomountainexpress.com/group_redirect?code=DOA19

Transportation Type	Rates Per Person/Per Way
Shared Ride Service	\$61.00
	Per Vehicle/Per Way
5 Passenger Private Vehicle	\$398.00
10 Passenger Private Vehicle	\$386.00

ACCOMMODATIONS

ROOMS HAVE BEEN RESERVED at the Village at Breckenridge and will be available on a first-come, first-served basis. Attendees should make reservations using the group name "UVA Anesthesia Ultrasound" by Friday, December 21, 2018 to receive the discounted rate of \$174/night (plus taxes and fees). Rooms are not guaranteed after this date.

RESERVATION INSTRUCTIONS: To receive the group rate call **888-525-1787** and select **option 2**: provide agent with group code **BC1UVA9**.

LIFT TICKETS AND RENTALS will be offered to this group at the following reduced rates. *A coupon will be provided to those interested in lift tickets/rentals at the CME registration desk. Please bring the coupon with you when you purchase your tickets at Breck Sports in order to receive the discount.*

Rental Type	Standard Rate	25% Discount
Sport Ski	\$50.00	\$37.50
Junior Ski	\$31.00	\$23.25
Performance Ski	\$55.00	\$41.25
Demo Ski	\$65.00	\$48.75
Snowboard	\$55.00	\$41.25
Junior Snowboard	\$32.00	\$24.00
Demo Snowboard	\$65.00	\$48.75
Helmet	\$12.00	\$9.00

LIFT TICKETS

Adult	\$140.00 per day
Child	\$92.00 per day

Contact Information

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FOR MORE INFORMATION ABOUT...

The Village at Breckenridge visit

<http://www.breckresorts.com/lodging/the-village-at-breckenridge/overview.aspx>