



Regional Point-of-Care Ultrasound Course

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October 12-13, 2024

HealthPartners Conference Center

8170 33rd Avenue South

Bloomington, MN 55425

A two-day introductory training with Interactive Didactics and Hands-on Learning



Register Online

[Click here to register](#)



SHM Member: \$1,405*

SHM Non-Member: \$1,750*

**Fee includes breakfast and lunch both days, as well as snacks/refreshments throughout the day.*

The Society of Hospital Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Society of Hospital Medicine designates this in-person activity for a maximum of 14.5 AMA PRA Category 1 Credit™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

The faculty and planners of these activities have no relevant relationships to disclose. All relevant relationships were mitigated prior to the start of this activity.

Day One

Saturday, October 12

7:15 a.m. - 5:00 p.m.

Day Two

Sunday, October 13

7:30 a.m. - 5:00 p.m.

Course Description

This course will be an essential experience for all clinicians who are interested in obtaining skills in point-of-care ultrasound (POCUS); teaching POCUS principles, applications, and techniques. The course faculty have completed the national CHEST or SHM Certificate of Completion and many have taken and taught advanced ultrasound courses. The in-person course combines focused didactics and hands-on scanning sessions led by nationally recognized expert faculty from around the country. During the hands-on scanning sessions, course participants practice capturing specific ultrasound views of the heart, lungs, abdomen, and legs on live models. The course maximizes the hands-on practice scanning with a low course participant to faculty ratio and the curriculum is designed to teach the highest yield POCUS applications for clinicians. The hands-on sessions are complemented by lectures to improve the participants' knowledge of the indications, technical skills, and clinical integration of bedside ultrasound. The curriculum has been fine-tuned over years to maximize learning.

This course counts toward the certificate of completion program for SHM.

Course Objectives

Following this learning activity, participants will be able to:

- Demonstrate understanding of ultrasound physics and technology and the fundamentals to operate a portable ultrasound machine (“knobology”).
- Differentiate between the different types of ultrasound transducers and select the correct transducer type for various POCUS applications.
- Demonstrate proper techniques to perform a focused cardiac and lung ultrasound by recognizing and interpreting abnormal thoracic ultrasound images.
- Recognize the normal sonographic appearance of abdominal solid organs, neck, and lower extremity vasculature by interpreting a series of abnormal ultrasound images.

Target Audience

Our course is designed for clinicians from nearly all specialties who are seeking training in point-of-care ultrasound.

- Internal Medicine
- Family Medicine
- Pediatrics
- Critical Care Medicine
- Emergency Medicine
- Surgery
- Anesthesiology
- Nurse Practitioners
- Physician Assistants
- Residents & Students

Course Director



Benji K. Mathews, MD, MBA, FACP, SFHM

*Society of Hospital Medicine POCUS Steering Committee
Senior Medical Director, Hospital Specialty Services, HealthPartners
Professor of Medicine, University of Minnesota Medical School*

Course Faculty

James Verner, MD - Assistant Course Director

Scott Biggerstaff, DO

Brandon Boesch, DO, SFHM

Nick Boysen, MD

Ria Dancel, MD, FAAP, FACP, SFHM

Meltiady Issa, MD, FACP, MBA, SFHM

Charlie Lopresti, MD, SFHM

Ankit Mehta, MD

Kreegan Reiersen, MD, SFHM

David Tierney, MD, FACP

Khuong Vuong, MD

Admin Support

Lisa Kroll

Maizie Moran

Ray Johnson

Rachel Stuart

“Amazing learning opportunity with so much hands-on time, really interactive learning environment. Can tell the faculty are passionate about ultrasound, their enthusiasm was contagious. Was able to go from knowing basically nothing about ultrasound to being ready to scan patients! Best CME I’ve been to in a long time!”

Past Course Participant

Course Schedule

Saturday, October 12

7:15 a.m. - 5:00 p.m.

7:15 - 7:45 a.m.	Registration & Breakfast <i>Note: Pre-course knowledge assessments must be completed prior to the start of this course.</i>
7:45 - 8:00 a.m.	Welcome, Course Overview, Introduction to Point-of-Care Ultrasound
8:00 - 8:20 a.m.	General Principles of Ultrasonography and Knobology
8:20 - 8:50 a.m.	Lungs/Pleura Ultrasonography
8:50 - 9:10 a.m.	DVT & Basic Vascular Ultrasonography
9:10 - 9:20 a.m.	Break & Divide into 2 Groups
9:20 - 10:20 a.m.	Workshop Rotation Case Based Image Interpretation: Group A Image Acquisition using Live Modes: Group B <i>Note: 2 Rotations - every 20 min</i>
10:20 - 10:30 a.m.	Break & Rotate Groups
10:30 - 11:30 a.m.	Workshop Rotation Case Based Image Interpretation: Group B Image Acquisition using Live Models: Group A <i>Note: 2 Rotations - every 20 min</i>
11:30 a.m. - 12:30 p.m.	Lunch
12:30 - 1:25 p.m.	Point-of-Care Ultrasound Evaluation of the Heart
1:25 - 1:35 p.m.	Break & Divide into 2 Groups
1:35 - 3:05 p.m.	Workshop Rotation Case Based Image Interpretation: Group A Image Acquisition using Live Models: Group B <i>Note: 2 Rotations - every 30 min</i>
3:05 - 3:15 p.m.	Break & Rotate Groups
3:15 - 4:45 p.m.	Workshop Rotation Case Based Image Interpretation: Group B Image Acquisition using Live Models: Group A <i>Note: 2 Rotations - every 30 min</i>
4:45 - 5:00 p.m.	Day 1 Wrap Up, Q/A & Focused Hands-on Review with Faculty
5:00 p.m.	Adjourn

Sunday, October 13

7:30 a.m. - 5:00 p.m.

7:30 - 8:00 a.m. Breakfast

8:00 - 8:40 a.m. Abdominal Ultrasound

8:40 - 9:10 a.m. Skin, Soft Tissues & Joints

9:10 - 9:20 a.m. Break & Divide into 2 Groups

9:20 - 10:20 a.m. Workshop Rotation Case Based Image Interpretation: Group A

Image Acquisition using Live Modes: Group B
Note: 2 Rotations - every 20 min

10:20 - 10:30 a.m. Break & Rotate Groups

Workshop Rotation Case Based Image Interpretation: Group B

10:30 - 11:30 a.m.

Image Acquisition using Live Models: Group A
Note: 2 Rotations - every 20 min

11:30 a.m. - 12:30 p.m.

Lunch & Presentation (POCUS Implementation, Economics and Program Development)

12:30 - 1:25 p.m.

Vascular Access (Central & Peripheral), Lumbar Puncture, Paracentesis & Thoracentesis

1:25 - 1:35 p.m. Break & Divide into 2 Groups

1:35 - 3:05 p.m. Workshop Rotation Case Based Image Interpretation: Group A

Skills Assessment with Feedback & Stations for Central Venous Access, Peripheral Venous Access, Lumbar Puncture: Group B
Note: 2 Rotations - every 30 min

3:05 - 3:15 p.m. Break & Rotate Groups

3:15 - 4:45 p.m. Workshop Rotation Case Based Image Interpretation: Group B

Skills Assessment with Feedback & Stations for Central Venous Access, Peripheral Venous Access, Lumbar Puncture: Group A
Note: 2 Rotations - every 30 min

4:45 - 5:00 p.m.

Post Course Knowledge Assessment and Course Evaluations
Note: Participants requested to complete online post-course knowledge assessment & course evaluations to obtain CME

5:00 p.m.

Adjourn

Course Schedule

Empowering Hospitalists.

Transforming patient care.

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