



**Minnesota**  
Chapter

# Regional Point-of-Care Ultrasound Course

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clinical content and training

**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: \$1,450\***

**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

This course is designed as an introductory training in POCUS for all clinicians who care for acutely ill hospitalized patients and those who provide perioperative patient care.

# 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**

Brandon Boesch, DO, SFHM

Ria Dancel, MD, FAAP, FACP, SFHM

Meltiady Issa, MD, FACP, MBA, SFHM

Linda Kurian, MD, FACP, SFHM

Charlie Lopresti, MD, SFHM

Kreegan Reiersen, MD, SFHM

David Tierney, MD, FACP

## 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.

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

# Sunday, October 13

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

<b>7:30 - 8:00 a.m.</b>	Breakfast
<b>8:00 - 8:40 a.m.</b>	Abdominal Ultrasound
<b>8:40 - 9:10 a.m.</b>	Skin, Soft Tissues & Joints
<b>9:10 - 9:20 a.m.</b>	Break & Divide into 2 Groups
<b>9:20 - 10:20 a.m.</b>	Workshop Rotation Case Based Image Interpretation: Group A  Image Acquisition using Live Modes: Group B <i>Note: 2 Rotations - every 20 min</i>
<b>10:20 - 10:30 a.m.</b>	Break & Rotate Groups
	Workshop Rotation Case Based Image Interpretation: Group B
<b>10:30 - 11:30 a.m.</b>	Image Acquisition using Live Models: Group A <i>Note: 2 Rotations - every 20 min</i>
<b>11:30 a.m. - 12:30 p.m.</b>	Lunch & Presentation (POCUS Implementation, Economics and Program Development)
<b>12:30 - 1:25 p.m.</b>	Vascular Access (Central & Peripheral), Lumbar Puncture, Paracentesis & Thoracentesis
<b>1:25 - 1:35 p.m.</b>	Break & Divide into 2 Groups
<b>1:35 - 3:05 p.m.</b>	Workshop Rotation Case Based Image Interpretation: Group A  Skills Assessment with Feedback & Stations for Central Venous Access, Peripheral Venous Access, Lumbar Puncture: Group B <i>Note: 2 Rotations - every 30 min</i>
<b>3:05 - 3:15 p.m.</b>	Break & Rotate Groups
<b>3:15 - 4:45 p.m.</b>	Workshop Rotation Case Based Image Interpretation: Group B  Skills Assessment with Feedback & Stations for Central Venous Access, Peripheral Venous Access, Lumbar Puncture: Group A <i>Note: 2 Rotations - every 30 min</i>
<b>4:45 - 5:00 p.m.</b>	Post Course Knowledge Assessment and Course Evaluations <i>Note: Participants requested to complete online post-course knowledge assessment &amp; course evaluations to obtain CME</i>
<b>5:00 p.m.</b>	Adjourn

# Course Schedule

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Transforming patient care.

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