



Minnesota
Chapter

Regional Point-of-Care Ultrasound Course

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September 28 - 29, 2019

HealthPartners Conference Center
8170 33rd Avenue South
Bloomington, MN 55425

A two-day introductory training

with Interactive
Didactics and
Hands-on
Learning



Register Online

hospitalmedicine.org/minnesota



SHM Member: \$1,350*

SHM Non-Member: \$1,450*

**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 live activity for a maximum of 15.5 AMA PRA Category 1 Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Day One

Saturday, September 28

7:15 a.m. – 5:30 p.m.

Day Two

Sunday, September 29

7:30 a.m. – 5:30 p.m.

Course Description

This course will be an essential experience for all physicians who are interested in obtaining skills in point-of-care ultrasound (POCUS) for acutely ill hospitalized patients and will provide an introduction of POCUS principles, applications, and techniques. The course will focus on bedside ultrasound use in evaluating and treating hospitalized medical patients. The course is directed by faculty who have completed the national CHEST certificate of completion and taken further advanced ultrasound course work. The hands-on segments will use live models as well as scanning on the wards to deliver as much practical experience as possible to attendees, establishing a solid basis for their clinical ultrasound practice.

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, FACP, SFHM

Ultrasound Director,
Hospital Medicine, HealthPartners

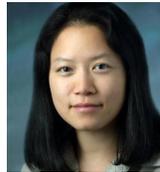
Associate Professor,
University of Minnesota Medical School

Guest Faculty



Nilam Soni, MD, MS, FHM, FACP

Associate Professor of Medicine
Division of General & Hospital Medicine
University of Texas Health San Antonio
Director, SHM POCUS Certificate Program



Gigi Liu, MD, M.Sc

Johns Hopkins University School of Medicine
SHM/CHEST POCUS Faculty and Executive
Council Member in POCUS Group

Course Faculty

- Petr Bachan, MD
- Oana Dickenson, MD
- Firas Elmufdi, MD
- Sara Erickson, MD
- Meltiady Issa, MD, FACP, MBA, SFHM
- Ankit Mehta, MD, FACP, MBBS, FHM
- Kreegan Reirson, MD
- Dan Schnobrich, MD, FACP
- David Tierney, MD, FACP
- Khuong Vuong, MD, FHM
- James Verner, MD

Administrative Support Staff

- Shauna Baer
Supervisor, Hospital Medicine and Critical Care Operations
HealthPartners

““””

“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

Saturday, September 28

7:15 a.m. – 5:30 p.m.

7:15 - 7:45 a.m.	Registration & Breakfast <i>Note: Pre-course knowledge assessments must be completed prior to 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 & Knobology
8:20 - 8:50 a.m.	Lungs/Pleura Ultrasonography & Thoracentesis
8:50 - 9:10 a.m.	DVT & Basic Vascular Ultrasonography
9:10 - 9:20 a.m.	Break & Divide into 2 Groups
9:20 - 10:35 a.m.	Workshop Rotation Case Based Image Interpretation: Group A Image Acquisition using Live Models: Group B <i>Note: 2 Rotations - every 25 min</i>
10:35 - 10:45 a.m.	Break & Rotate Groups
10:45 a.m. - Noon	Workshop Rotation Case Based Image Interpretation: Group B Image Acquisition using Live Models: Group A <i>Note: 2 Rotations - every 25 min</i>
Noon - 1:00 p.m.	Lunch
1:00 - 1:55 p.m.	Point-of-Care Ultrasound Evaluation of the Heart
1:55 - 2:05 p.m.	Break & Divide into 2 Groups
2:05 - 3:35 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>
3:35 - 3:45 p.m.	Break & Rotate Groups
3:45 - 5:15 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>
5:15 - 5:30 p.m.	Day 1 Wrap Up, Q/A & Focused Hands-on Review with Faculty
5:30 p.m.	Adjourn

Don't miss your opportunity to refresh your knowledge on POCUS and earn CME credits.

Sunday, September 29

7:30 a.m. – 5:30 p.m.

7:30 - 8:00 a.m.	Breakfast
8:00 - 8:40 a.m.	Abdominal Ultrasound & Paracentesis
8:40 - 9:10 a.m.	Skin, Soft Tissues & Joints
9:10 - 9:20 a.m.	Break & Divide into 2 Groups
9:20 - 10:35 a.m.	Workshop Rotation Case Based Image Interpretation: Group A Image Acquisition using Live Models: Group B <i>Note: 2 Rotations - every 20 min</i>
10:35 - 10:45 a.m.	Break & Rotate Groups
10:45 a.m. - Noon	Workshop Rotation Case Based Image Interpretation: Group B Image Acquisition using Live Models: Group A <i>Note: 2 Rotations - every 20 min</i>
Noon - 1:00 p.m.	Lunch & Presentation (POCUS Implementation, Economics and Program Development)
1:00 - 1:40 p.m.	Vascular Access (Central & Peripheral), Lumbar Puncture
1:40 - 1:50 p.m.	Break & Divide into 2 Groups
1:50 - 3:20 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 <i>Note: 2 Rotations - every 30 min</i>
3:20 - 3:30 p.m.	Break & Rotate Groups
3:30 - 5:00 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 <i>Note: 2 Rotations - every 30 min</i>
5:00 - 5:30 p.m.	Post Course Knowledge Assessment and Course Evaluations <i>Note: Participants requested to complete online post-course knowledge assessment & course evaluations to obtain CME</i>
5:30 p.m.	Adjourn

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