



# 19<sup>th</sup> Annual Mayo Clinic Hospital Medicine: Managing Complex Patients

## OPTIONAL EDUCATION ACTIVITY POINT-OF-CARE ULTRASOUND FOR THE HOSPITAL PRACTITIONER

Friday, November 8, 2024

1:00 p.m. – 5:00 p.m.

Fee: \$575 (lunch provided)

Space is limited | Pre-registration required | Available in-person only

### HIGHLIGHTS

- Introduction to the fundamentals of ultrasound including basic physics, orientation, and “knobology.”
- Perform focused cardiac, inferior vena cava, lung, kidney/bladder, and lower extremity deep vein ultrasonography on live models.
- Develop skills of image interpretation and clinical decision-making with case-based learning.
- Hands-on and interactive learning experience with faculty experts.

### LEARNING OBJECTIVES

Upon completion of this activity, participants should be able to:

- Perform focused cardiac ultrasonography to evaluate for left ventricular function, right ventricular function, and pericardial effusion.
- Identify the inferior vena cava and estimate right atrial pressure.
- Identify lung sliding, normal and abnormal lung artifacts, and pleural effusions.
- Evaluate the lower extremity veins for deep vein thrombosis.
- Identify the kidneys/bladder to evaluate for hydronephrosis and estimate bladder volume.
- Clinically integrate ultrasound findings into cases of hypotension and dyspnea.

### SCHEDULE

1:00 p.m.	<b>Registration and Lunch</b>
1:20 p.m.	<b>Introduction to Point-of-Care Ultrasound Workshop</b> - Shaun K. Yang, M.D., M.P.H.
2:00 p.m.	<b>WORKSHOP STATIONS (10 Stations) - Attendees will rotate through each station.</b> Station 1: Cardiac Parasternal Long/Short - Adrijana K. Anderson, P.A.-C. Station 2: Cardiac Apical 4 Chamber - Meltiady Issa, M.D., M.B.A. Station 3: Cardiac Subxiphoid/IVC - Wayne A. Martini, Jr., M.D. Station 4: Lower Extremity DVT - Aleksandra Murawska Baptista, M.D. Station 5: Kidney/Bladder - Taryn N. Ragaisis, P.A.-C., M.S. and Tiffany J. Galush, P.A.-C. Station 6: Cardiac Parasternal Long/Short - Cristian I. Madrid, M.D. Station 7: Cardiac Apical 4 Chamber - Tasneem Z. Naqvi, M.B.B.S., M.D. Station 8: Cardiac Subxiphoid/IVC - Jordan Merz, M.D. Station 9: Lower Extremity DVT - Alex G. Theofiles, M.D. Station 10: Kidney/Bladder - Evamaria Anvari, M.D. Station 11: Lung - Ilko V. Ivanov, M.D. and Konstantin Talitskiy, M.D., Ph.D. Station 12: Rapid Fire Image Review - Patrick G. Kishi, M.D. Station 13: Case Review: Dyspnea - Will M. Schouten, M.D. Station 14: Case Review: Hypotension - David N. Brennan, M.D. Station 15: Case Simulation - Dana Herrigel, M.D.
3:20 p.m.	<b>Break (20 minutes)</b>
3:40 p.m.	<b>Workshop Station Rotations (continued)</b>
5:00 p.m.	<b>Adjourn</b>