



18th Annual Mayo Clinic Hospital Medicine: Managing Complex Patients

OPTIONAL EDUCATION ACTIVITY POINT-OF-CARE ULTRASOUND INTRODUCTORY WORKSHOP

Friday, November 3, 2023

1:00 p.m. – 4:45 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.”
- Practical applications of point-of-care ultrasonography with focus on image acquisition, interpretation, and integration of findings into clinical decision-making.
- Hands-on and interactive learning experience with emphasis on cardiopulmonary evaluation.
- Perform focused cardiac, inferior vena cava, pulmonary, and lower extremity deep vein ultrasonography on live models and case simulation.
- Designed as an introductory offering, however faculty will meet your needs based on your previous experience.

LEARNING OBJECTIVES

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

- Examine the heart in at least two different windows and assess global contractility.
- Identify the pericardium and describe the appearance of a pericardial effusion.
- Identify the inferior vena cava and estimate right atrial pressure based on measurements of the diameter and collapsibility.
- Recognize normal anatomy and physiology of pleura, lung artifacts, and identify a pleural effusion.
- Evaluate the lower extremities for deep vein thrombosis.

SCHEDULE

1:00 p.m. **Registration and Lunch**

1:30 p.m. **Introduction to Point-of-Care Ultrasound Workshop**
Shaun K. Yang, M.D., M.P.H.

1:50 p.m.

WORKSHOP STATIONS

Cardiac Parasternal Long/Short
Cardiac Apical 4 Chamber
Cardiac Subxiphoid
IVC
Lower Extremity DVT
Lung
Image Review Cardiac
Image Review IVC/Lung
Case Review
Case Simulation

WORKSHOP FACULTY

Evamaria Anvari, M.D.; Shari I. Brand, M.D.;
Jed (Colt) C. Cowdell, M.D., M.B.A.; Tiffany J. Galush, P.A.-C.;
Kim F. Heller, M.D.; Dana Herrigel, M.D.;
Meltiady Issa, M.D., M.B.A.; Ilko V. Ivanov, M.D.;
Patrick G. Kishi, M.D., Wayne A. Martini, Jr. M.D.;
Aleksandra Murawska Baptista, M.D.; Tasneem Naqvi, M.B.B.S., M.D.;
Ricardo J. Pagan, M.D.; John G. Park, M.D.
Taryn N. Ragaisis, P.A.-C., M.S.; Kenneth K. Sakata, M.D.;
Will M. Schouten, M.D.; Alex G. Theofiles, M.D.;
Cyril Varghese, M.D., M.S.; Shaun K Yang, M.D., M.P.H.

3:10 p.m. **Break (15 minutes)**

3:25 p.m. **Workshop Station Rotations (continued)**

4:45 p.m. **Adjourn**