



Mayo Clinic Hospital Medicine: Managing Complex Patients

Point-of-Care Ultrasound and Bedside Procedures Workshop

Friday, November 9, 2018 ♦ 12:45 – 5:45 p.m.

Fee: \$425 (lunch included)

Space is limited; early registration advised.

Pre-registration required.

DESCRIPTION

This workshop will feature the most practical applications of bedside ultrasound (US) in daily patient care. Applications will combine point-of-care US, with emphasis on dynamic cardio-pulmonary evaluation and US-assisted bedside procedures, including central line placement, thora- and paracentesis. Guided by experienced bedside instructors, participants will perform cardiac, pulmonary, abdominal and vascular US on simulation trainers as well as live models.

Instructors will begin with an introduction of basic physics and “knobology” focusing on the process of obtaining standard window images and their interpretation and incorporation into the process of clinical decision-making. This workshop is designed as an introductory offering, but we will meet your needs based on your previous experience.

LEARNING OBJECTIVES

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

- Visualize the heart in at least two different windows and assess global contractility
- Identify the pericardium and describe the appearance of a pericardial effusion
- Visualize the inferior vena cava and estimate central venous pressure based on measurement of the diameter and collapsibility
- Visualize the internal jugular vein and femoral vein and demonstrate how to distinguish from the tandem artery, and place central venous catheter
- Visualize and recognize normal anatomy and physiology of pleura and underlying lungs
- Identify pleural effusion and perform thoracentesis
- Visualize liver, spleen, kidney, bladder, and identify free intra-abdominal fluid and perform paracentesis

SCHEDULE

12:45 p.m. Registration and Lunch

1:15 p.m. Introduction to Point-of-Care Ultrasound and Bedside Procedures Workshop
Ilko V. Ivanov, M.D. and Joseph P. Wood, M.D.

1:45 p.m. Point-of-Care Ultrasound and Bedside Procedures Workshop
Adrijana K. Anderson, P.A.-C., Shari I. Brand, M.D., Colt Cowdell, M.D., M.B.A.,
Dana Herrigel, M.D., Myra A. Irvin, M.D., Ilko V. Ivanov, M.D., Andree H. Koop, M.D.,
Stacy L. Libricz, M.P.A.S., P.A.-C., Michael J. Maniaci, M.D., Ricardo J. Pagan, M.D.,
Will M. Schouten, M.D., Christopher F. Stewart, M.D., and Joseph P. Wood, M.D.

5:45 p.m. Adjourn

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.