Point of Care (POCUS) Basics
Mini-Elective

SPRING 2021

Course Dates: February 2, 9, 16, 23
Tuesdays, 1:00-2:00 PM

Maximum Students: 20

Class Year: MS1

Course Director: Emily Lovallo, MD

Contact Information: Emily Lovallo, MD
lovalloem2@upmc.edu

Registration: Denise Downs, Office of Medical Education
downs@medschool.pitt.edu

Description:
During this 4 session mini-elective students will learn about anatomy as they
scan each other. This will be a hands-on course that will focus on the sono-
graphic anatomy.

Requirements:
Actively participate in all four sessions.

COURSE OUTLINE
Point of Care Ultrasound (POCUS)

Location
All in person sessions will be from 1-2PM in the 5th floor small group study
rooms
(Details will be announced by Dr. Lovallo)

Description:
We will use a flipped-classroom structure for this course. Students will be re-
quired to watch brief pre-recorded videos on their own ahead of time. When
we meet students will work in groups of 4 with one faculty member to practice
hands-on ultrasound skills using peer-peer scanning. You will review relevant
anatomy covered in your Anatomy course, and faculty will begin to introduce
clinical relevance of ultrasound findings.

We will cover
-Ultrasound Basics (physics, how to use the system, indications for different
probes, doppler, color) while reviewing the anatomy of the neck.
-Abdominal Ultrasound
-Musculoskeletal Ultrasound
-Cardiac Ultrasound

Due to restrictions in place in response to COVID-19, students will wear surgi-
cal masks and eyewear during the sessions. Students will be grouped strate-
gically based on enrollment such that there are 2 male students per group that
will be used for cardiac ultrasound. All students should be prepared to rotate
through as ultrasound "models" for the other applications.

MS1 students who have already completed the Fall Ultrasound Basics Mini-
Elective are not eligible for this course.