University of Pittsburgh School of Medicine

Point of Care (POCUS) Basics
Mini-Elective

FALL 2020

Course Dates:	October 13, 20, 27, November 3 Tuesdays, 1:00-2:30 PM (See location schedule on page 2)
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 ddowns@medschool.pitt.edu

Description:
During this 4 session mini-elective, which is designed to run concurrently with the Medical Anatomy MS-1 course, students will learn about anatomy as they scan each other. This will be a hands-on course that will focus on the sonographic 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 required 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 surgical masks and eyewear during the sessions. Students will be grouped strategically 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.

Office of Medical Education
www.omed.pitt.edu
412.648.8714