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Point of Care (POCUS) Basics Professional Enrichment Course

FALL 2020

<u>Course Dates:</u>	October 13, 20, 27, November 3 Tuesdays, 1:00-2:30 PM (See location schedule on page 2)
<u>Maximum Students:</u>	20
<u>Class Year:</u>	MS1
<u>Course Director:</u>	Emily Lovallo, MD
<u>Contact Information:</u>	Emily Lovallo, MD lovalloem2@upmc.edu
<u>Registration:</u>	Denise Downs, Office of Medical Education ddowns@pitt.edu

Description:

During this 4 session professional enrichment course, 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 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.