



University
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School
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Essential Procedures in Clinical Medicine Professional Enrichment Course 2025

<u>Course Dates:</u>	January 2025 Monday, January 27-Thursdays, January 30
<u>Class Years:</u>	MS1
<u>Course Director:</u>	Stephanie Gonzalez, M.D. Department of Emergency Medicine
<u>Contact Information:</u>	Stephanie Gonzalez, MD 412-647-9922 gonzsm@upmc.edu

Registration:

No need to pre-register. Workshops will be announced by EM student association coordinators. Be sure to sign in when attending the workshop.

Description:

This 4 session professional enrichment course will introduce students to key procedures in clinical medicine. Many students have had experience with some clinical procedures before medical school or during clinical observation programs. This professional enrichment course, offered in conjunction with the Emergency Medicine Student Association, provides a structured laboratory-style experience for students who wish to have additional opportunities to learn and practice common bedside procedures, under the supervision of experienced faculty and resident facilitators. These sessions will be limited to course enrollees and will be taught in small group format. Though many of these skills are also addressed later in required courses in the curriculum, these are fundamental skills that are best developed through repeated exposure and practice – so there is a real benefit to having more than one exposure to these techniques.

Course Objectives:

To practice key procedural skills commonly performed by medical students

- IV insertion
- Phlebotomy
- Simple laceration repair
- Non-invasive Airway Management
- Intubation
- Ultrasound

Requirements:

Participate in all 4 of the Workshops. (IV & Phlebotomy, Suturing, Airway, Ultrasound).

Supplemental instructional materials will be provided for class by the instructor at the workshops.

Course Outline

Essential Procedures in Clinical Medicine

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Department of Emergency Medicine
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Location:

Various locations outlined below.

Session 1– Monday, January 27, 5p-7p, WISER

Ultrasound Workshop

This session will focus on the FAST (Focused Abdominal Sonography in Trauma) examination. Participants will learn when the FAST exam should be used, review positive and negative findings, and what to do with those findings. The four standard FAST views will be taught in addition to the eFAST (Extended FAST) views.

Session 2 –Tuesday, January 28, 5p-7pm, Scaife 7700

Suturing Workshop

Learn indications and contraindications for suturing wounds.
Practice technique of common suture types on pig's feet.

Session 3–Wednesday, January 29, 5p-7p, WISER

Airway Workshop

Learn indications for airway support.
Become familiar with multiple non-invasive airway support measures.
Learn and practice endotracheal intubation on mannequin

Session 4–Thursday, January 30, 5p-7pm, Scaife 7700

IV/Phlebotomy Workshop

Learn indications and applications for saline lock insertion.
Become familiar with potential complications of IV insertion.
Practice proper technique for IV catheter insertion and phlebotomy on a partner.

