



University  
of  
Pittsburgh  
  
School  
of  
Medicine

# Essential Procedures in Clinical Medicine Mini-Elective Spring 2009

<u>Course Dates:</u>	September 2008 - May 2009
<u>Class Years:</u>	MS1 and MS2
<u>Course Director:</u>	Stephanie Gonzalez, M.D. Department of Emergency Medicine
<u>Contact Information:</u>	Stephanie Gonzalez, MD 412-647-9922 gonzalezsm@upmc.edu
<u>Registration:</u>	Betsy Nero, Office of Medical Education betsy@medschool.pitt.edu

## Description:

This 8 session mini-elective 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 mini-elective, 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. The first hour of 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
- Splinting

## Requirements:

Participate in 4 out of 8 offered Workshops. (one each of IV & phlebotomy, Suturing, Airway, Splinting)

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

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## **Course Outline**

### **Essential Procedures in Clinical Medicine**

#### **Course Director:**

Stephanie Gonzalez, MD  
Assistant Professor of Emergency Medicine  
412-647-9922  
gonzalezsm@upmc.edu

#### **Course Objectives:**

To practice key procedural skills commonly performed by medical students

- IV insertion
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#### **Location:**

Scaife Hall, 5 PM—7 PM

Exact location details will be distributed to course participants prior to each session.

#### **Session 1 – October 13, 2008, 5p-7p**

##### **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.

#### **Session 2- October 29, 2008, 5p-7p**

##### **Suturing Workshop**

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

#### **Session 3 – November 19, 2008, 5p-7p**

##### **Airway Workshop**

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

#### **Session 4- December 10, 2008, 5p-7p**

##### **Splinting Workshop**

Learn indications for splinting.  
Become familiar with proper splint application  
Practice various splint applications on a partner.

#### **Session 5- ,January 21, 2009 5p-7p**

##### **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.

#### **Session 6- February 11, 2009 5p-7p**

##### **Suturing Workshop**

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

**Session 7- March 4, 2009, 5p-7p**

**Airway Workshop**

Learn indications for airway support.

Become familiar with multiple non-invasive airway support measures.

Learn and practice endotracheal intubation on mannequins Splinting Workshop

Learn indications for splinting.

Become familiar with proper splint application

Practice various splint applications on a partner.

**Session 8- April 15, 2009, 5p-7p**

**Splinting Workshop**

Learn indications for splinting.

Become familiar with proper splint application

Practice various splint applications on a partner.