Essential Procedures in Clinical Medicine
Mini-Elective
Spring 2010

Course Dates: September 2009 - April 2010
Class Years: MS1 and MS2
Course Director: Stephanie Gonzalez, M.D.
Department of Emergency Medicine
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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.
Course Outline

Essential Procedures in Clinical Medicine

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Stephanie Gonzalez, MD
Assistant Professor of Emergency Medicine
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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 – September 30, 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 2– October 27, 2009, 5p-7p
Suturing Workshop
Learn indications and contraindications for suturing wounds.
Practice technique of common suture types on pig’s feet.

Session 3 – November 18, 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.

Session 4- December 9, 2009, 5p-7p
Splinting Workshop
Learn indications for splinting.
Become familiar with proper splint application
Practice various splint applications on a partner.

Session 5- January 20,2010, 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 10, 2010, 5p-7p
Suturing Workshop
Learn indications and contraindications for suturing wounds.
Practice technique of common suture types on pig’s feet.
Session 7– March 31, 2010, 5p7p
Airway Workshop
   Learn indications for airway support.
   Become familiar with multiple non-invasive airway support measures.
   Learn and practice endotracheal intubation on mannequins

Session 8– April 21, 2010, 5p-7p
Splinting Workshop
   Learn indications for splinting.
   Become familiar with proper splint application
   Practice various splint applications on a partner.