

SECOND YEAR SIMULATION CENTER ROTATION (PM-781) 2008 – 2009

Time	Monday and Friday mornings, 9 am to 12 pm
Location	Health Science Simulation Center Peralta Pavilion, Ground Floor
Faculty	Eric D. Stamps, DPM Assistant Dean for Clinical Affairs Assistant Professor, Department of Medicine California School of Podiatric Medicine at Samuel Merritt College 450 30th Street, Suite 3714 Oakland, CA 94609 Tel: 510-869-8730 Fax: 510-869-6282 E-mail: ESTamps@samuelmerritt.edu Cell: 415-332-0887
Course Format	The second-year simulation center workshop, taught within the HSSC facility, is a 4 week course that uses a variety of simulation-based learning techniques in a small group setting. Each week covers a different learning module, which consists of a brief lecture, a video-taped hands-on session and a post-session debriefing and review.
Overall goals	To develop an increased level of confidence interacting with patients and other health care professionals and to become accustomed to working in an operating room environment. It is anticipated that upon completion of the Simulation Center rotation, students will be better trained and will have more confidence when starting their third-year clinical rotations.
Required text	None
Attendance	Mandatory. One unexcused absence constitutes a failure of the rotation.
What to Bring	Diagnostic instruments
Attire	Scrubs + white coat + nametag
Grading	Pass/Fail based on attendance and a mastery of at least 75% of the objectives in each learning module. A failure in any one module will constitute a failure of the rotation. There is no examination for this rotation.

Policy on Learning Disabilities

Samuel Merritt College will make reasonable accommodation for students with documented disabilities. Students with physical, learning, or psychological disability, who believe that they may need accommodation in the Simulation Center rotation, are encouraged to contact the Director of Academic and Disability Support Services and Dr. **TBA** as soon as possible.

SCHEDULE

Week 1	Module 1	Orientation Patient interaction History and physical
Week 2	Module 2	Medical emergencies Dressing changes Pediatric hip evaluation
Week 3	Module 3	Operating room etiquette and protocol Sterile technique Patient positioning
Week 4	Module 4	Safety Interdisciplinary collaboration Patient confidentiality

Week 1 Module 1

Goals Become more fluent in patient interactions, including acquisition of histories and performance of physical examinations.

Objectives **You should be able to do the following:**

Session #1

Interview a simulated patient to obtain a chief complaint and a thorough history of the present illness.

Obtain and assess vital signs on a simulated patient.

Perform a lower extremity neurological examination on a simulated patient.

Perform a lower extremity vascular examination on a simulated patient.

Session #2

Interview simulated patients to obtain a thorough history of the patient's chief complaint and present illness, past medical history, family history, social history and review of systems.

Perform a comprehensive lower extremity physical examination on simulated patients with the following conditions:

1. Peripheral arterial disease + foot complication
2. Diabetes mellitus

Present a patient to the attending podiatrist

Week 2 Module 2

Goals Gain experience in assessment and management of potential medical office emergencies.

~~Learn to apply a wound dressing to the foot and ankle.~~

~~Learn to perform a pediatric hip evaluation.~~

Objectives **You should be able to do the following:**

Recognize, assess and manage the following medical emergencies:

1. syncope
2. anaphylaxis
3. cardiac arrest

Safely apply a secure gauze dressing to a heel ulcer and to a forefoot wound.

~~Perform a pediatric hip evaluation using the following techniques:~~

- ~~1. Barlow's test~~
- ~~2. Ortolani's test~~

Week 3 Module 3

Goals Learn to work in an operating room environment.

Objectives **You should be able to do the following:**

Perform a hand scrub and apply a gown and gloves.

Prep and drape a simulated patient undergoing foot surgery.

Apply an ankle tourniquet and a thigh tourniquet.

Practice working as a scrub tech including technique for passing instruments.

Help transfer patients from a gurney and help place patients in the following positions:

1. Supine
2. Prone
3. Lateral decubitus

Week 4 Module 4

Goals

Learn to function effectively in an operating room environment.

Learn human factor skills: communication, teamwork and leadership in a peri-operative setting.

Objectives

You should be able to do the following:

Demonstrate appropriate demeanor when communicating with other health care professionals within the hospital.

Work with a CRNA to administer local anesthesia to a patient under Monitored Anesthesia Care (MAC).

Demonstrate an understanding of appropriate patient confidentiality.

Discuss the significance of HIPAA.