ADVANCED ANATOMY AND SURGICAL SKILLS

Credit: Elective  Location: Gross Anatomy laboratory and Surgical Simulation and Education Center

Revised: 11/13/2015

Applications will be accepted beginning Feb 1st of Year III for USC students. All applications will be accepted on a first-come, first-served basis

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REPORT TO: Surgical Skills Simulation and Education Center at 8:30 am on Monday, April 4, 2016

PREREQUISITE: Surgery Clerkship

DURATION: 3 weeks

DATES OFFERED: April 4-22, 2016

NUMBER OF STUDENTS: 12

VISITING STUDENTS: NO

COURSE OBJECTIVES:
Students will be able to:

Demonstrate an advanced knowledge of anatomy, including normal structures, blood supply and relationships, important (pertinent) variations and an introduction to anatomical considerations in surgical planning and carrying out basic procedures.

Demonstrate knowledge of surgical instrumentation.

Demonstrate competency in basic procedural skills essential for caring for surgical patients in preparation for their upcoming internship year.

Demonstrate understanding of common diseases in the surgical patient and the management of them

Demonstrate the skills of self-education and life-long learning to actively set clear learning goals, pursue them, and apply the knowledge gained to the practice of surgery.

Model good leadership in interactions with others and demonstrate a professional attitude.

SUPERVISION:
70% Faculty
30% Fellows and residents

DESCRIPTION:
This three-week elective course is intended for 4th year medical students entering surgical subspecialties (including orthopedics). The morning sessions will be held in the Gross Anatomy Laboratory (GAL) and will focus on the clinical application of gross anatomy and the strategic use of anatomic relationships to achieve surgical objectives and protect vital structures. The dissection sessions will be correlated with learning specific clinical skills focusing on particular regions of the body. The afternoon sessions will be held in the Surgical Skills Simulation and Education Center (SSSEC), simulation lab or the Fresh Tissue Dissection Lab (FTDL). These sessions will focus on the acquisition of requisite procedural skills essential for surgical training. The format for the skill session will include a didactic lecture followed by skill demonstration with guided practice and feedback. In addition, the students will be introduced to basic diseases and common situations that they may encounter during their intern year. The curriculum will cover the pathophysiology of these basic diseases and their management. Simulation situations interns may find themselves in will be included in the course. Course instructors will include anatomists, surgical faculty and medical student educators.
EVALUATION:
No formal written or oral tests given. Student's performance is assessed by the faculty who work with them as for their effort, proficiency and behavior. Participation during anatomy and skill sessions will be heavily weighted. All the staff will evaluate the individual student and the preceptor will summarize the overall performance in the student evaluation form. Formative feedback will be given throughout the elective.

*Selective Attendance and Illness Policy*
In order to ensure adequate clinical exposure, no more than 3 days of excused absences (to include official holidays) can be allowed during a selective. This policy does not imply that absences are guaranteed; absences may be excused at the discretion of the faculty. Absence due to illness must be reported to the faculty or his/her designee as soon as possible. In case of extended absence (2 days or more), a note from a physician (who is not a relative) is required and the absence will be reported to the Office of Student Affairs. A physician note may be requested for any absence, at the discretion of the faculty.

Students will generally be required to make up days before a passing grade can be assigned. All absences must be excused and any planned absence must be registered with the preceptor prior to the first day of the selective. Students should take vacation time if he/she anticipates a need for more than 3 absences during a selective. USMLE and BLS/ACLS will not be considered excused absences.