

Educational Goals and Objectives – Surg 701 Surgery Clerkship

1. Students will develop understanding of the pathoanatomy, pathophysiology, clinical presentation and routine management of commonly encountered surgical disease and trauma; sufficient to allow their direct participation in patient care across all phases of the perioperative experience. Teaching and learning will involve balanced student participation in three areas; the operating room, the hospital inpatient service and the ambulatory / outpatient clinics. Students must assimilate data about their patients and apply this information logically to clinical problem solving in both familiar and novel situations.
2. Students will meet requirements for critical patient encounters in each phase of perioperative patient care; including new patient evaluation, surgical scrubs and care of assigned inpatients with reasonable acuity.
3. A student must be able to independently perform a complete history and physical examination for both adult and pediatric patients. He / She must also be able to modify or focus this process for any clinical setting or emergency situation. Students will integrate information from their history and examination with other diagnostic data to outline further steps in patient assessment and/or management.
4. To allow safe participation in the operating room, students will demonstrate proficiency in relevant skills during a scrub class prior to beginning a surgery rotation. Students will demonstrate ability to perform procedures common to a wide variety of medical practice.
5. Students will contribute to an accurate, quality medical record maintaining the integrity and confidentiality of the medical record and the personal patient information embedded in it.
- 6a. Students should observe, learn and exhibit behaviors and attitudes of the physician, including personal responsibility, accountability and responsibility for patients under their care and responsibility to colleagues and coworkers. Show motivation for self-study, seizing opportunities to learn and improve clinical skills and develop elements of clinical judgment.
- 6b. Students must earn their patient's trust; in part by consistent willingness to communicate and understand the continuous nature of accountability for patients under their care.
- 6c. Students will demonstrate a spirit of cooperation and teachability. They will learn to be time efficient; equitably sharing the clinical work load.
7. Students will participate directly in daily rounds, ward work, patient care procedures or tests and in any scheduled case based or teaching conferences. In the inpatient acute care setting or in the ambulatory clinic, students must be effective in gathering patient data and in information sharing and planning. This will specifically require their ability for concise and accurate summative oral presentation.
8. Students will observe and learn to provide compassionate care within appropriate ethical boundaries; always putting their patients' best interests foremost and ahead of their own.

Educational Goals and Objectives – Surg 821 Surgery Sub-I

0. Prepare graduates who are ready to enter into the responsibilities and duties of an internship role.
 - 1.1 Students are expected to build upon the knowledge base gained in the Junior Surgery Course by engaging in daily problem solving in the clinical setting.
 - 1.2 Students are expected to review their knowledge base on a case-by-case basis and in preparation for examinations required for the MD degree and for licensure.
2. Students are expected to expand their role and accept more responsibility on the patient care team.
3. Surgical subinterns are expected to learn more about basic perioperative surgical care for common surgical disease and to develop a better understanding of preoperative risk assessment.
4. The student's ability in medical interviewing and physical diagnosis is to be refined; in particular, an understanding of the differences that may exist in the approach to the surgical patient in an emergency situation versus elective evaluation.
5. Students are encouraged to perform some invasive clinical procedures under direct supervision and to become more efficient in providing direct assistance to the operating surgeon.
- 6.0 Senior students are expected to continue to develop professional behavior and build on basic attitudes involving the physician patient relationship.
 - 6.1 Pursue ethical patient care.
 - 6.2 Communicate effectively with patients and families and recognize special patient needs.
 - 6.3 Learn how to reassure patients by displaying confidence.
 - 6.4 Establish a better understanding of the role of the physician as a member of a hospital staff by participating in related conferences and quality assurance activities.

Educational Goals and Objectives – Surg 822 – Surgery ICU

1. Obtain relevant history in setting where patients are poorly communicative or unable to communicate; perform focused physical examination directed to the day-to-day progress of multisystem problems in the critically ill, and concurrently record adequate progress notes in the patient's medical records.
2. Write comprehensive admission notes for patients entering the ICU, delineating a basic problem list and initial therapeutic plan for each.
3. Give adequate, well-prioritized summative oral presentations regarding patients with multisystem illness.
4. Describe basic procedures to initiate transplant organ procurement; identify prospective donors and describe applicable "brain-death" criteria.