



**Educational Goals and Objectives for Rotations on:
General Surgery/Acute Care Surgery/ Consult Service
(General Surgery-Red Surgery Service)**

Goal

The goal of the Red Surgery Service is to develop the knowledge, skills, and attitudes necessary to evaluate, diagnose, and manage the general surgical patient with emphasis on the acute care surgery patient. This is comprised of general surgery, emergency general surgery, complex tertiary surgical cases, complex re-operative surgical cases, or patients in shock states from acute surgical illness.

Objectives for PGY-5 Residents: In addition to the objectives mentioned above, at the end of the rotation, PGY-5 residents will:

Patient Care

- Apply knowledge base of General Surgery, acute care surgery, emergency surgery, surgical critical care and trauma surgery to assess, manage and potentially prevent complications.
- Ultimately be responsible for all of the clinical decision-making on the Red Surgery Service, with attending supervision.
- Determine appropriate evaluation strategies and follow-up plans for general surgery and acute care surgery patients.
- Perform the peri-operative and operative management of patients who elect to decline the use of blood and blood products requiring the management of pre-operative and post-operative anemia with iron infusion and reticulocyte colony stimulating factors. Acquire the knowledge for the use of cell salvage techniques and Acute Normovolemic Hemo- dilution (ANH) in this patient population. Become familiar with the theory and requirements for the use of HBOCs in this patient population and how to pursue the FDA E-IND petition required for consideration of their use.
- Perform operative procedures which may include: hepatobiliary reconstructions, pancreatic procedures, complex re-operative general surgery, complex recurrent hernia surgery which may include abdominal wall reconstruction and major operations for life threatening general and acute surgical emergencies; to include Trauma when covering call, with attending supervision per the Resident Supervision Policy.

Medical Knowledge

- Medical knowledge about established and evolving biomedical, clinical and cognate (*e.g. epidemiological and social behavioral) sciences and the application of this knowledge to patient care.
- Develop a knowledgebase in general, acute care, and trauma surgery sufficient to teach other residents and students on the service.



Practice-based Learning and Improvement

- Analyze and present complications at the weekly Morbidity and Mortality conference.
- Organize the service specific didactic conference presentations by appropriate case selection and assignment of responsibilities.
- Organize service specific journal club participation by selection of appropriate articles and assignment of responsibilities.
- Organize and present or assign all service Morbidity and Mortality cases.

Professionalism

- Assume responsibility for ensuring compliance of all team members with educational and didactic conferences.
- Assume responsibility for ensuring duty hours regulations compliance for all team members.
- Assume responsibility for clinic patient care.

Interpersonal and Communication Skills

- At least weekly, the resident will provide a formal educational forum to the medical students.
- Provide an educational environment for residents and medical students.
- Administratively manage the Red Surgery Service.
- Be the “team leader” for trauma resuscitation and resuscitation of critically ill surgical patients
- With the attendings, make decisions for clinical management of Red Surgery Service patients in the intensive care unit and on the wards.

Systems-based Practice

- Understand the nuances related to costs of care.
- Review patient outcomes and complications weekly and present at General Surgery Morbidity and Mortality conference.