



**Educational Goals and Objectives for Rotations on:
Colorectal, Surgical oncology, and Surgical Endoscopy
(General Surgery-Orange Surgery Service)**

Goal

The goal of the Orange Surgery Service is to continue overall objectives of general surgery and on emphasis on surgical oncology, surgical endoscopy and colorectal surgery-to develop the knowledge, skills, and attitudes necessary to evaluate, diagnose, treat, and manage general surgical, colorectal and oncology patients.

Objectives for PGY-3 Residents: At the end of the PGY-3 year, residents will:

Patient Care

- Understand the proper utilization of techniques for diagnosis and staging of cancers, especially use of CT and MRI scanning for intra-abdominal and esophageal tumors.
- Interpret mammographic findings.
- Participate in the performance of surgical operations with attending supervision per the Resident Supervision Policy. The type of case and level of responsibility in each case will be determined by the level and the experience of the resident.
- Perform procedures which may include: various complexities of breast resection and reconstruction, operations for gastrointestinal tumors (including esophagus, liver, pancreas, stomach, small and large intestine), procedures for melanoma and sarcoma, fine-needle aspiration, Tru-Cut needle biopsy, excisional biopsies of smaller tumors (e.g. melanoma, breast lesions and peripheral lymph nodes), participate in the surgical management of patients with inflammatory bowel disease, participate in the surgical management of peri-anal and peri-rectal disease with attending supervision per the Resident Supervision Policy.
- Develop knowledge and skills in the principles of pre-operative assessment, operative intervention, and post-operative care and follow-up in patients presenting with a wide variety of surgical diseases.
- Assist in the formulation of perioperative and operative management plans based upon patient assessment, laboratory studies, and diagnostic test results. Assist in carrying out the management plan.
- Develop expertise in the longitudinal care of the patient treated for malignancy.
- Attend at least 2 clinic sessions each week.
- Participate and perform follow up care.
- Participate in referral to rehabilitation and extended care needs.

Medical Knowledge

- Become knowledgeable in the treatment continuum of patients with malignancies, general surgical problems.
- Become knowledgeable in screening of oncologic and general surgical.
- Become knowledgeable in histological diagnosis.



- Become knowledgeable in clinical staging.
- Become knowledgeable in multidisciplinary treatment (e.g., surgery, radiation, chemotherapy).
- Become knowledgeable in principles of multidisciplinary treatment of malignancies of the breast, colon, rectum, liver, pancreas, esophagus, skin and soft tissues.
- Develop a clear understanding of palliative surgical procedures.
- Learn principles for controlling pain.
- Develop knowledge in the histology of more common malignancies.
- Develop knowledge of current surgical treatment and postoperative management of patients with malignancy.
- Become knowledgeable in the physiology of pre- and post-operative care, including fluid and electrolytes, nutrition and wound healing.
- Become familiar with radiographic modalities employed for diagnosis and staging of patients with malignancies, general surgical patients.
- Develop an appreciation for utility and importance of histopathologic consultation in the management of cancer patients.
- Become knowledgeable with the continuum of inflammatory bowel disease and the polyposis syndromes – diagnosis, screening, non-operative and pre- and post-operative management.
- Become knowledgeable in the endoscopic evaluation, diagnosis, pre-and post-operative management of colorectal and surgical oncology patients.
- Attend conferences including Morbidity and Mortality conference, multidisciplinary tumor conference, colorectal/GI surgical conference.

Practice-based Learning and Improvement

- Assimilate scientific evidence into patient care.
- Recognize the need for improvement in one's own medical knowledge, surgical skills, and patient care.

Professionalism

- Participate in the evaluation of patients requiring consultation.
- Learn the “team concept” of surgical care.
- Conduct himself/herself respectfully, altruistically, and ethically.
- Practice patient- and family-centered care.
- Demonstrate sensitivity to family, cultural, ethnic, age, gender, and community issues during interactions with patients, families, and members of the healthcare team.
- Understanding of importance of social and other support services, such as home health and hospice facilities



Interpersonal and Communication Skills

- Participate in the evaluation of patients requiring consultation.
- Present patients in a logical and concise manner.
- Effectively listen to patients and families.
- Communicate effectively with patients and families, avoiding technical terms and jargon.
- Learn to communicate “good” and “bad” news to patients and family.
- Learn to communicate and function effectively and appropriately with healthcare team.
- Maintain dictations and complete accurate and timely entries into the EMR.
- Maintain orderly medical records and transfer notes.
- Practice effective and efficient sign-outs to on-call residents.

Systems-based Practice

- Recognize the roles and responsibilities of the surgeon in relation to those of physicians and surgeons in other disciplines and specialties, pathologists, nurses, anesthesiologists, advance nurse practitioners, physician assistants, pharmacists, and administration.
- Evaluate surgical disease with attention to various diagnostic tests and modalities that are used to define the type and extent of the pathology, which will determine the need of surgical intervention.
- Participate in a team approach to deliver care to the patient
- Demonstrate aptitude in and utilize the EMR.