

LLUMC General Surgery Residency Program
Gastrointestinal Surgery Goals and Objectives for residents: PGY-1
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Description

The GI surgery rotation at Loma Linda University Medical Center offers a broad experience in the care of complex patients encompassing bariatric surgery, general surgery, and advanced minimally invasive surgery.

Goals

The goal of the GI surgery rotation is to provide the R-1 house-staff the means to: Gain the knowledge and experience in the inpatient and outpatient evaluation and management of patients with bariatric surgery, general surgery and advanced minimally invasive surgery.

- Master the principles of perioperative assessment and risk stratification of patients in these categories and others who may be admitted occasionally
- Refine procedural skills commonly required in the care of these patients such as umbilical hernia repair, inguinal hernia repair, laparoscopic cholecystectomy, appendectomy, and *the like*.
- Experience and understand the day-to-day function of a complex inpatient surgical service.

Objectives

The rotation has the following objectives:

- The GI surgery intern will function as a primary team member assuming direct responsibility for care and writing all orders on patients on the service and coordinating care with other services of who may be in a consultative role
- The intern will gain knowledge of surgical care through discussion on rounds with the attending physicians, fellow, and senior residents and also by independent reading
- The intern will participate in weekly conferences discussing Morbidity & Mortality conference, Grand Rounds, GI surgery conference, Gastrointestinal Tumor Board,
- Interns can expect daily teaching from members of the team, both at the bedside and informal sessions by fellow, senior residents and attendings. Interns will take overnight call as directed by the program and are expected to manage the patients with consultation as needed with the on-call senior resident and either the responsible or on-call attending.

R-1 GI surgery Service interns are evaluated in the 6 core competencies (Medical knowledge, Patient care, Interpersonal communication skills, Professionalism, Practice based learning and Systems based practice) using specific web-based evaluation forms. An outline of core competencies with rotation objectives, instructional activities, and evaluations is below.

Specific goals and objectives for residents

GOALS Core Competencies	R-1 OBJECTIVES	INSTRUCTIONAL ACTIVITIES	EVALUATION
<p>Knowledge: To acquire and apply knowledge of established and evolving basic and applied clinical sciences that relate to the practice of bariatric surgery, general surgery and advanced minimally invasive surgery.</p>	<ul style="list-style-type: none"> • Gain experience in physical examination, diagnostic imaging studies, pre-operative evaluation and risk assessment, peri-procedural management of deep venous thrombosis anticoagulation, and post-operative patient monitoring. • Be introduced to ultrasound imaging of gallbladder, GI fluoroscopy, as well as CT and MR imaging of the abdomen and pelvis. 	<p>Teaching by attending faculty, senior residents, and fellows</p> <p>Independent reading</p> <p>Weekly Conferences</p> <p>Daily inpatient rounds with an attending surgeon</p>	<p>Weekly feedback by fellow/senior resident/attending and Rotation evaluation by the GI Surgery attendings.</p>
<p>Patient Care: To provide compassionate, appropriate, and effective care to bariatric, general and minimally invasive surgery patients.</p>	<ul style="list-style-type: none"> • Evaluate and manage all inpatient GI surgery patients in conjunction with a senior resident, fellow, and Attending Surgeon. • Perform complete directed history and physical examinations on GI surgery clinic patients 2-4 days per week depending on volume, review all accompanying clinical and image-based information regarding patients with appropriate resident/faculty supervision 	<p>Twice daily rounds with the GI Surgery Team and Daily inpatient rounds with an attending surgeon</p>	<p>Weekly feedback by fellow/chief resident/attending and Rotation evaluation by each GI Surgery attending</p>

<p>Effective Interpersonal and Communication skills: Interns must communicate in a way that leads to effective information exchange of a care plan to patients, their families, and professional associates.</p>	<ul style="list-style-type: none"> • Instruct medical students on routine floor responsibilities including rounding, patient note writing, orders, computed requisitions, and hospital protocols. • Discusses significant peri-operative concerns with team & consultants. • Work effectively with nurses to communicate care plan. 	<p>Twice daily rounds with the GI Surgery Team.</p> <p>Daily inpatient rounds with an attending surgeon.</p>	<p>Weekly feedback by fellow/chief resident/attending and monthly rotation evaluation by each GI Surgery attending</p>
<p>Practice based learning and improvement: In order to improve patient care practices, residents must be able to critically evaluate their own performance as well as appraise and incorporate clinical scientific evidence.</p>	<ul style="list-style-type: none"> • To become proficient using the Surgical Simulator for basic general surgery procedures. • Identify complications and determine impact on recovery. • Use information technology to rapidly assimilate current medical literature as it relates to patient care. 	<p>Twice daily rounds with the GI Surgery Team and attending surgeon.</p>	<p>Weekly feedback by fellow/chief resident/attending and monthly rotation evaluation by each GI Surgery attending</p>
<p>Professionalism: Residents must show a commitment to professional responsibilities, adherence to ethical principles and sensitivity to diversity.</p>	<ul style="list-style-type: none"> • Learn to manage complex patient problems specifically related to relaying information to families regarding unexpected outcomes in a tertiary care hospital. • Acts with sensitivity and responsiveness to patient's culture, age, gender and disabilities. • Maintains accountability to patients, medical profession and society. • Obtains proper consent and confirm advanced directives, if present. 	<p>Twice daily rounds with the GI Surgery Team and attending surgeon.</p>	<p>Weekly feedback by fellow/chief resident/attending and monthly rotation evaluation by each GI Surgery attending</p>

<p>Systems-based Practice: A resident must be able to demonstrate an awareness of and responsiveness to the system of health care and the ability to effectively call on system resources to provide optimal care.</p>	<ul style="list-style-type: none"> • Be introduced to outpatient assessment, risk stratification and surgical planning for complex surgical procedures. • Learn to use care protocols and pathways to improve quality of care. • Act as an organizational problem solver for patients. • Understands how efficient patient care enables the hospital to deliver a wide range of patient care. • Understands how care practice affects staffing and health care costs. 	<p>Twice daily rounds with the GI Surgery Team and attending surgeon.</p> <p>Attendance in clinic with senior residents and attending surgeon.</p>	<p>Weekly feedback by fellow/chief resident/attending and monthly rotation evaluation by each GI Surgery attending</p>
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