

Stanford University General Surgery Residency Program
Surgical Oncology I Goals and Objectives for Residents: R-5
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Description

The Surgical Oncology I rotation at Stanford Hospital offers a broad experience in the care of complex patients with endocrine and surgical oncology diseases as well as pancreatobiliary conditions.

Goals

The goal of the Surgical Oncology I rotation for the R5 is to:

- Develop exceptional knowledge, skill and experience in the evaluation and management of complex upper abdominal malignancies including gastric, pancreatic and hepatobiliary as well as advanced endocrine and sarcoma surgery.
- Refine advanced procedural and operative skills commonly required in the care of these patients, including complex surgical procedures like Whipple pancreaticoduodenectomy, total gastrectomy, bile duct resection, liver resection, open and laparoscopic adrenalectomy, total thyroidectomy, minimally invasive parathyroidectomy and pancreatic and biliary drainage procedures and retroperitoneal sarcomas with or without intraoperative radiation.
- Lead and manage the day-to-day function of a complex surgical service including attending surgeon, residents, nurses and students.

Objectives

The Surgical Oncology I R-5 rotation has the following objectives:

- The Chief Residents (R-5) has the primary responsibility for the management of all inpatients on the service both in the ICU and on the ward in conjunction with the attending.
- The R-5 resident functions as main decision maker, assuming direct responsibility for the day-to-day care of patients on the service and coordinating care with other services. Certainly the attending surgeon is readily available for questions and to help as necessary with decision-making. The Chief Resident also serves as the first consultant for the intern and ICU residents regarding issues related to floor and ICU patients. He or she will develop leadership skills in the management and guidance of inpatient surgical teams and supervision and education of all residents and students.
- The R-5 resident gains knowledge of endocrine and surgical oncologic care of upper-gastrointestinal malignancies through discussion on rounds with the attending physician and also by independent reading. This knowledge base includes basic complex open and laparoscopic procedures as listed above.

- The R-5 resident gains these advanced operative skills through pre-operative reading and preparation and by direct intra-operative teaching from the Surgical Oncology I Attending.

R-5 residents can expect frequent teaching from members of the team and attendings. As both the R-5 residents and the attending will function together very closely in the OR, at the bedside and during formal and informal daily rounding sessions. R5 resident is the true leader on the team, and should be able to run the entire service with the intern, nurses, and medical students. At the end of the rotation the R-5 resident should be able to diagnose, preoperative assess, perform the operative procedure and manage the patient postoperatively, identifying and managing complications that may arise.

R-5 residents are evaluated in the 6 core competencies (Medical knowledge, Patient care, Interpersonal communication skills, Professionalism, Practiced 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-5 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 endocrine and oncologic surgery</p>	<p>1. Perform endocrine and oncologic surgical procedures as appropriate on designated patients including Whipple pancreaticoduodenectomy, total gastrectomy, bile duct resection, liver resection, open and laparoscopic adrenalectomy, total thyroidectomy, minimally invasive parathyroidectomy and pancreatic and biliary drainage procedures and retroperitoneal sarcoma resection. 2. Gain experience and familiarity with management of these complex patients including preoperative assessment, intra-operative decision making and operative technique and judgement and postoperative</p>	<p>Teaching by attending faculty. Independent reading Daily conferences including morbidity and mortality (which the R-5 runs with an attending), grand rounds, GI tumor board, breast conference, and sarcoma tumor board</p>	<p>Daily feedback by other residents and nurses as well as the Surgical Oncology I attendings and 2 month rotation evaluation by each White Surgery attending (https://stanford.medhub.com)</p>

	evaluation and management		
GOALS Core Competencies	R-5 OBJECTIVES	INSTRUCTIONAL ACTIVITIES	EVALUATION

<p>Patient Care: To provide compassionate, appropriate, and effective care of endocrine and oncology patients.</p>	<ol style="list-style-type: none"> 1. Evaluate, triage, staff and manage inpatient endocrine and oncologic surgery consultations at SUMC. 2. Evaluate and correct complete directed history and physical examinations on endocrine and oncologic surgery clinic patients 1 day per week, review all accompanying clinical and image-based information regarding their patients, develop an independent management plan appropriate for each patient 	<p>Runs twice daily rounds with the attending once daily on the Surgical Oncology I Team</p> <p>Pre-operative and post-operative monitoring of other residents and student work and notes</p> <p>Teaching during rounds and conferences. providing feedback to the others on Surgical Oncology I Team</p>	<p>Weekly feedback by other residents and nurses as well as the Surgical Oncology I attendings and 2 month rotation evaluation by each Surgical Oncology I attending (https://stanford.medhub.com)</p>
<p>Effective Interpersonal and Communication skills: Residents must communicate in a way that leads to effective information exchange of a vascular surgery care plan to patients, their families, and professional associates.</p>	<ol style="list-style-type: none"> 1. Instruct interns and medical students on basic surgical techniques and help instruct in the simulator. 2. Deliver teaching sessions for interns and students either before or after rounds on a weekly basis. 3. Provide family members an update of patient's condition. 4. Discusses appropriate perioperative concerns with team & consultants. 5. Works effectively with team members (attending, interns and NP) to communicate care plan and discuss with 	<p>Twice daily rounds with the Surgical Oncology I Team and daily rounds with the surgery attendings</p>	<p>Weekly feedback by other residents and nurses as well as the Surgical Oncology I attendings and 2 month rotation evaluation by each Surgical Oncology I attending (https://stanford.medhub.com)</p>

	<p>attendings</p>		
<p>Practice based learning and improvement: In order to improve patient care practices, R-5 residents must be able to critically evaluate their own performance as well as appraise and incorporate clinical scientific evidence.</p>	<ol style="list-style-type: none"> 1. Serve as team leader as the PGY-5 Chief Surgery resident. Manage inpatient census, reporting requirements, team schedules, vacation coverage, daily clinical assignment, patient management tasks and morbidity and mortality conference. 2. Master and teach all general surgery scenarios on the Goodman Simulator 3. Identify complications and determine their impact on recovery. Present them at the M&M conference. 4. Use information technology to assimilate current medical literature as it relates to patient care 	<p>Twice daily rounds with the Surgical Oncology I Team and daily rounds with the Surgical Oncology I surgery attendings</p>	<p>Weekly feedback by other residents and nurses as well as the Surgical Oncology I attendings and 2 month rotation evaluation by each Surgical Oncology I attending (https://stanford.medhub.com)</p>
<p>Professionalism: R-5 residents must show a commitment to professional</p>	<ol style="list-style-type: none"> 1. Learn to manage complex patient problems and interact with families regarding unexpected outcomes. 	<p>Twice daily rounds with the Surgical Oncology I Surgery Team and</p>	<p>Weekly feedback by other residents and nurses as well as the Surgical Oncology I</p>

<p>ethical principles, and sensitivity to diversity.</p>	<p>of patients. 2. Learn to interact with multiple subspecialty groups in consultation as well as multi-disciplinary conferences 3. Displays appropriate demeanor, even in adverse or stressful situations 4. Acts with sensitivity and responsiveness to patient’s culture, age, gender, and disabilities</p>	<p>surgery attendings</p>	<p>rotation evaluation by each Surgical Oncology I attending (https://stanford.medhub.com)</p>
<p>Systems-based Practice: R-5 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>	<p>1. Act as an organizational problem solver for Surgical Oncology I patients 2. Understand how care for patients affects the hospital’s ability to deliver patient care. 3. Understand how care practice affects staffing and health care costs</p>	<p>Twice daily rounds with the Surgical Oncology I Team and daily rounds with the surgery attendings</p>	<p>Weekly feedback by other residents and nurses as well as the Surgical Oncology I attendings and 2 month rotation evaluation by each Surgical Oncology I attending (https://stanford.medhub.com)</p>