

Stanford University General Surgery Residency Program  
Surgical Oncology 3 / Endocrine Surgery Rotation Goals and Objectives  
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### **Description**

The Surgical Oncology 3 / Endocrine Surgery rotation offers an intensive experience in the surgical care of patients with endocrine diseases as well as breast cancer and melanoma.

### **Goals**

The goal of the Surgical Oncology 3 / Endocrine Surgery rotation is to: Gain the knowledge and experience in the evaluation and management of patients with endocrine diseases, breast cancer, and melanoma.

The primary goals for the R-3 resident:

- Develop knowledge and experience in the evaluation and management of patients with endocrine diseases, breast cancer, and melanoma.
- Acquire and refine procedural and operative skills required in the care of these patients.
- Direct the post-operative / in-patient care of the patients on the service.

### **Objectives**

The Surgical Oncology 3/ Endocrine Surgery R-3 rotation has the following objectives:

- The resident has primary responsibility for the management of all patients admitted to or evaluated by the team in conjunction with the attending surgeon.
- The R-3 gains knowledge of surgical care through discussion with and teaching from the attending physicians in the inpatient and outpatient setting, attendance at the multidisciplinary endocrine tumor board conference, as well as independent reading.
- The resident gains operative skills through pre-operative reading and preparation and by direct intra-operative teaching and guidance from the faculty.

Residents can expect frequent teaching from members of the team, both at the bedside and during formal and informal sessions. Feedback and teaching is individualized to the needs of the residents.

Residents 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. These are done as a group evaluation at the end of the rotation by the Surgical Oncology 3 / Endocrine Surgery attendings. An outline of the core competencies with rotation objectives, instructional activities, and evaluations is below.

Specific goals and objectives for residents

GOALS Core Competencies	R-3 OBJECTIVES	INSTRUCTIONAL ACTIVITIES	EVALUATION
<p><b>Knowledge:</b> To acquire and apply knowledge of established and evolving basic and applied clinical sciences that relate to the practice of adult general surgical care.</p>	<ul style="list-style-type: none"> <li>• Knows and applies the basic and clinical sciences appropriate to the practice of surgical care (anatomy, physiology, pathophysiology, pharmacology, and disease processes)</li> <li>• Demonstrates an investigatory and analytic approach to patients with endocrine and surgical oncology-related illnesses</li> <li>• Articulate and apply evidence-based management principles to patients with conditions for which there are well-established guidelines (thyroid nodules, thyroid cancer, etc.)</li> <li>• Demonstrate basic proficiency in performing and interpreting neck ultrasound, as well as interpreting other radiographic studies relevant the patient population (sestamibi, 4-D CT, PET CT)</li> </ul>	<ul style="list-style-type: none"> <li>• Teaching by attending faculty in inpatient and outpatient settings</li> <li>• Biweekly endocrine tumor board</li> <li>• Independent reading of assigned chapters and articles</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing feedback by attending faculty</li> <li>• End-of-rotation evaluation by the Surg Onc 3 / Endocrine Surgery attendings</li> </ul>
<p><b>Patient Care:</b> To provide compassionate, appropriate, and effective</p>	<ul style="list-style-type: none"> <li>• Evaluate and perform directed history and physical examinations on endocrine and oncologic surgery clinic patients,</li> </ul>	<ul style="list-style-type: none"> <li>• Daily discussion and teaching by attending faculty in inpatient and</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing feedback by attendings</li> <li>• Mid-rotation check in by</li> </ul>

<p>clinical care of adults.</p>	<p>review all accompanying clinical and radiographic information, and develop a management plan appropriate for each patient</p> <ul style="list-style-type: none"> <li>• Assist in and perform endocrine and oncologic surgical procedures including thyroidectomy, parathyroidectomy, adrenalectomy, wide local excision, sentinel lymph node biopsy, axillary lymphadenectomy, lumpectomy, and mastectomy</li> <li>• Anticipate and appropriately manage post-operative issues common to endocrine, breast, and melanoma surgery patients</li> </ul>	<p>outpatient settings</p> <ul style="list-style-type: none"> <li>• Teaching and guidance in the operating room</li> </ul>	<p>rotation director</p> <ul style="list-style-type: none"> <li>• End-of-rotation evaluation by the Surg Onc 3 / Endocrine Surgery attendings</li> </ul>
<p><b>Effective Interpersonal and Communication skills:</b> Residents 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"> <li>• Establish a positive rapport with patients and effectively explain the recommended plan of care and address patient concerns in lay language</li> <li>• Provide family members an update of the patient's condition and plan of care</li> <li>• Discuss appropriate perioperative concerns with team &amp; consultants</li> <li>• Works effectively with team members (attending, nurses, operating room staff) to communicate the care plan</li> </ul>	<ul style="list-style-type: none"> <li>• Daily rounds and discussion with the attending</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing feedback by attendings</li> <li>• End-of-rotation evaluation by the Surg Onc 3 / Endocrine Surgery attendings</li> </ul>
<p><b>Practice-based learning and improvement:</b> In order to improve patient care practices, residents must be able to critically evaluate their own</p>	<ul style="list-style-type: none"> <li>• Identify complications, determine their impact on recovery, and present them at the M&amp;M conference.</li> <li>• Utilize information technology to rapidly assimilate current medical literature as</li> </ul>	<ul style="list-style-type: none"> <li>• Daily rounds and discussion with the attending</li> <li>• Weekly M&amp;M conference</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing feedback by attendings</li> <li>• End-of-rotation evaluation by the Surg Onc 3 / Endocrine</li> </ul>

<p>performance as well as appraise and incorporate clinical scientific evidence.</p>	<p>it relates to patient care</p> <ul style="list-style-type: none"> <li>• Exhibits self-directed learning habits of a life-long learner</li> </ul>		<p>Surgery attendings</p>
<p><b>Professionalism:</b> Residents must show a commitment to professional responsibilities, adherence to ethical principles, and sensitivity to diversity.</p>	<ul style="list-style-type: none"> <li>• Display appropriate demeanor, even in adverse situations</li> <li>• Act with sensitivity and responsiveness to patient’s culture, age, gender, and disabilities</li> <li>• Treats all members of the patient care team (attending, nurses, OR staff, consultants, medical students) with respect</li> <li>• Contributes positively to team dynamics in the operating room</li> <li>• Recognizes when to seek help and advice</li> </ul>	<ul style="list-style-type: none"> <li>• Daily rounds and interaction with the attending</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing feedback by attendings</li> <li>• End-of-rotation evaluation by the Surg Onc 3 / Endocrine Surgery attendings</li> </ul>
<p><b>Systems-based Practice:</b> 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"> <li>• Act as an organizational problem solver for patients</li> <li>• Understand how patient care and individual practices relate to the health care system as a whole</li> <li>• Considers how to use the system to improve the quality and safety of patient care</li> <li>• Understand how care practices affect healthcare costs</li> </ul>	<ul style="list-style-type: none"> <li>• Daily rounds and discussion with the attending</li> <li>• Weekly M&amp;M conference</li> </ul>	<ul style="list-style-type: none"> <li>• Ongoing feedback by attendings</li> <li>• End-of-rotation evaluation by the Surg Onc 3 / Endocrine Surgery attendings</li> </ul>