

Stanford University General Surgery Residency Program
Breast Surgery Goals and Objectives for residents: R-1
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Description

The Breast Surgery rotation at Stanford Hospital and Stanford Cancer Center offers a broad experience in the care of patients with diseases of the breast.

Goals

The goal of the Breast Surgery rotation is to provide the R-1 trainee the means to:

- Gain the knowledge and experience in the outpatient and inpatient management of patients with breast disease and breast cancer
- Master the principles of outpatient workups, multidisciplinary evaluations including genetic counseling, perioperative assessment and risk stratification.
- Refine procedural skills commonly required in the care of these patients, such as breast biopsies, core and fine needle biopsies, breast ultrasound, mastectomies, sentinel node biopsies and nodal dissections.
- Experience and understand the multifaceted aspects of complex reconstructive procedures in the context of patient's stage of disease and prognosis.

Objectives

The rotation has the following objectives:

- The Breast Surgery intern functions as a trusted primary member of the team assuming direct responsibility for the day-to-day care and writing all orders on patients on the service as well as coordinating discharge planning with the Plastics service.
- The R-1 will gain knowledge of surgical care through required readings, discussion in clinic and on rounds with the attending physician, senior residents, and fellows as well as conferences
- The intern will participate in daily conferences discussing Morbidity and Mortality conference, Grand Rounds and Core Course, Multidisciplinary Breast Conference on Thursday, bi-monthly preop/ Morbidity-Mortality conference, bi-monthly journal club and second-opinion Breast Tumor Board.

Interns can expect daily teaching from members of the Breast Surgery team including attendings, senior residents and fellow. The teaching/learning opportunities will occur in clinic, the operating room and at the bedside, and in informal sessions.

Interns 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-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 surgical oncology and endocrine surgery</p>	<ol style="list-style-type: none"> 1. 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. 2. Be introduced to mammography, ultrasound and MR imaging of the breast. 	<p>Teaching by attending faculty, senior residents, and fellows</p> <p>Independent reading Daily Conferences Daily inpatient rounds with an attending surgeon or fellow</p>	<p>Weekly feedback by fellows/chief resident/attending and Rotation evaluation by each Breast Surgery attending. Monthly written assessment of knowledge. (https://stanford.medhub.com)</p>
<p>Patient Care: To provide compassionate, appropriate, and effective care to breast surgery patients.</p>	<ol style="list-style-type: none"> 1. Evaluate and manage all inpatient Breast surgical oncology patients in conjunction with a senior resident, fellow or Attending Surgeon. 2. Perform complete directed history and physical examinations on Breast 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 Breast Surgery Team and Daily inpatient rounds with an attending surgeon(s)</p>	<p>Weekly feedback by fellow/chief resident/attending and Rotation evaluation by each Breast Surgery attending Monthly written assessment of patient care ability. (https://stanford.medhub.com)</p>

<p>Effective Interpersonal and Communication skills: Interns must communicate in a way that leads to effective information exchange of a breast surgery care plan to patients, their families, and professional associates.</p>	<ol style="list-style-type: none"> 1. Instruct medical students on routine floor responsibilities including rounding, patient note writing, orders, computed requisitions, and hospital protocols. 2. Discusses significant peri-operative concerns with team & consultants. 3. Works effectively with nurses to communicate care plan 	<p>Twice daily rounds with the Breast Surgery Team Daily inpatient rounds with an attending surgeon(s).</p>	<p>Weekly feedback by fellow/chief resident/attending and monthly rotation evaluation by each White Surgery attending (https://stanford.medhub.com)</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>	<ol style="list-style-type: none"> 1. To become proficient using the Goodman Surgical Simulator for fine-needle and core-needle breast biopsies as well as ultrasound-guided. 2. Identify complications and determine impact on recovery. 3. Use information technology to rapidly assimilate current medical literature as it relates to patient care 	<p>Twice Daily rounds with the Breast Surgery Team and attending surgeon Daily Conferences</p>	<p>Weekly feedback by fellow/chief resident/attending and Rotation evaluation by each Breast Surgery attending (https://stanford.medhub.com)</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>	<ol style="list-style-type: none"> 1. Be introduced to outpatient assessment, risk stratification and surgical planning for breast surgical procedures 2. Learn to use care protocols and pathways to improve quality of care 3. Act as an organizational problem solver for patients 4. Understands how efficient patient care enables the hospital to deliver a wide range of patient care. 5. Understands how care practice affects staffing and health care costs 	<p>Twice daily rounds with the Breast Surgery Team and attending surgeon (s)</p>	<p>Weekly feedback by fellow/chief resident/attending and Rotation evaluation by each Breast Surgery attending (https://stanford.medhub.com)</p>
<p>Professionalism: Residents must show a commitment to professional responsibilities, adherence to ethical principles, and sensitivity to diversity.</p>	<ol style="list-style-type: none"> 1. Learn to manage complex patient problems specifically related to relating information to families regarding unexpected outcomes in a quaternary care hospital 2. Learn to interact with a wide range of patient age ranges 3. Learn to interact with multiple subspecialty groups in consultation as well as multi-disciplinary conferences 4. Displays appropriate demeanor, even in adverse situations 5. Acts with sensitivity and responsiveness to patient’s culture, age, gender, and disabilities 	<p>Twice daily rounds with the Breast Surgery Team and attending surgeon</p> <p>Daily conferences especially the multidisciplinary boards.</p>	<p>Weekly feedback by fellow/chief resident/attending and Rotation evaluation by each Breast Surgery attending (https://stanford.medhub.com)</p>