

Stanford University General Surgery Residency Program
Kaiser Permanente Medical Center, Santa Clara
Goals and Objectives - PGY 4
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Description

The surgery rotation at Kaiser Permanente Medical Center, Santa Clara offers a broad experience in the pre-operative, operative and post-operative care of patients with surgical diseases and processes. Residents obtain experience in the care of patients on the General Surgery, Thoracic Surgery, Vascular Surgery and Pediatric Surgery services.

Goals

The goal of the surgery rotation at Kaiser Permanente Medical Center, Santa Clara is to create an environment whereby the residents:

- Increase their involvement in the care of complex surgical patients and refine procedural skills required in their care
- Develop the requisite interpersonal and leadership skills of an effective surgical practitioner
- Aid in the education of the medical students

Objectives

The rotation has the following objectives:

- The fourth year resident functions as the primary resident assigned to the vascular and thoracic services assuming direct responsibility for all aspects of the initial assessment, pre-operative, intra-operative and post-operative care of the patients under their care. They also operate on more complex general surgery cases.
- The fourth year resident gains knowledge of surgical care through the experience of providing direct patient care, discussions with the attending physicians and senior residents, clinical conferences and by the independent reading expected of the resident.

Residents can expect daily teaching from the vascular attendings whether it is received in the hospital or in the operating room. The resident receives feedback and teaching individualized to the needs of the residents. Residents will take call responsibilities as directed by the program and are expected to manage the patients with consultation as needed with senior residents and responsible attendings.

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.

GOALS Core Competencies	R-4 OBJECTIVES	INSTRUCTIONAL ACTIVITIES	EVALUATION
<p>Knowledge: To acquire and apply knowledge of established and evolving basic and applied clinical sciences that relate to the care of surgical patients.</p>	<p>Knows and applies the basic and clinical sciences appropriate to the practice of Surgical Care such as physiology, pharmacology, and disease processes. Demonstrates an investigatory and analytic approach to patients with general surgery illnesses. Prioritizes patient's disease related states, issues and designs a care plan accordingly, anticipates potential complications and prevention</p>	<p>Daily interactions with responsible attendings in the hospital, operating room and clinic with teaching.</p> <p>Independent reading</p> <p>Teaching conferences</p>	<p>Ongoing feedback by attending staff and end-of-rotation evaluation (https://stanford.medhub.com)</p>
<p>Patient Care: To provide compassionate, appropriate, and effective surgical care.</p>	<p>Adequate assessment of surgical patients including:</p> <ul style="list-style-type: none"> • Physical exam and history • Evaluation of appropriate laboratory data and imaging results <p>Manages physiologic derangements such as shock, respiratory compromise, metabolic derangements, altered mental status and common surgical complications.</p> <p>Graded involvement in operative cases of increasing complexity appropriate for level, to include but not limited to, vascular surgery, complex abdominal surgery (gastric, hepatobiliary, pancreatic and colorectal), and complex minimally invasive surgery.</p>	<p>Daily interactions with responsible attendings in the hospital, operating room and clinic with teaching.</p> <p>Independent reading with preparation for operative cases.</p>	<p>Ongoing feedback by attending staff and end-of-rotation evaluation (https://stanford.medhub.com)</p>

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<p>Effective Interpersonal and Communication skills: Residents must communicate in a way that leads to effective information exchange of a care plan to patients, their families, and professional associates.</p>	<p>Provides relevant and timely information on patients in order to facilitate appropriate surgical care. Provides family members an update of patient's condition. Discusses appropriate perioperative concerns with consultants Communicates effectively with nurses to affect efficient and appropriate care. Serves as an educational and supervisory resource for the junior residents.</p>	<p>Daily interactions with responsible attendings in the hospital, operating room and clinic with teaching.</p>	<p>Ongoing feedback by attending staff and end-of-rotation evaluation (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>	<p>Identifies impact of complications on the recovery of patients Uses information technology to assimilate current medical literature as it relates to patient care Learns attention to detail in surgical patients</p>	<p>Daily interactions with responsible attendings in the hospital, operating room and clinic with teaching. Teaching conferences, M&M conferences</p>	<p>Ongoing feedback by attending staff and end-of-rotation evaluation (https://stanford.medhub.com)</p>
<p>Professionalism: Residents must show a commitment to professional responsibilities, adherence to ethical principles, and sensitivity to diversity.</p>	<p>Displays appropriate demeanor, even in adverse situations 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 Becomes life long learner</p>	<p>Daily interactions with responsible attendings in the hospital, operating room and clinic with teaching. Teaching conferences, M&M conferences Independent reading.</p>	<p>Ongoing feedback by attending staff and end-of-rotation evaluation (https://stanford.medhub.com)</p>

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<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>	<p>Learns to use care protocols and pathways to improve quality of care Acts as an organizational advocate for patients Understands how efficient patient care enables an integrated medical delivery system to provide a wide variety of patient care. Understands how care practice affects staffing and health care costs</p>	<p>Daily interactions with responsible attendings in the hospital, operating room and clinic with teaching.</p> <p>Teaching conferences</p>	<p>Ongoing feedback by attending staff and end-of-rotation evaluation (https://stanford.medhub.com)</p>