

Stanford University General Surgery Residency Program
Trauma/Acute Care Surgery Goals and Objectives for Residents: R-4
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Description

The Trauma/Acute Care Surgery rotation at Stanford Hospital offers a broad experience in the evaluation and care of critically injured and ill patients with surgical diseases and processes (trauma and emergency general surgery) as well as elective surgical procedures.

Goals

The goal of the Trauma/Acute Care Surgery rotation is for the R-4 resident to:

- Refine knowledge and experience in the evaluation and management of critically injured and ill surgical patients.
- Direct the evaluation and management of critically ill patients.
- Refine procedural and operative skills commonly required in the care of these patients.
- Coordinate the day-to-day function of a complex surgical service.

Objectives

The Trauma/Acute Care Surgery R-4 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-4 residents function as team-leader, assigning direct responsibility to the junior resident and NPs as appropriate, oversees this care and coordinates with other involved services.
- The resident gains knowledge and operative skills through pre-operative reading and preparation and teaching from the Trauma/Acute Care Surgery Attendings.

Residents can expect frequent teaching from members of the team, both at the bedside and during formal and informal sessions. Because the residents are paired with an attending for an entire week, 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, practiced 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 Trauma/Acute Care Surgery attendings and NPs so that progress and incorporation

of feedback over the course of the rotation can be assessed. An outline of core competencies with rotation objectives, instructional activities, and evaluations is below.

Specific goals and objectives for residents

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 practice of adult surgical care</p>	<p>Knows and applies the basic and clinical sciences appropriate to the practice of Surgical Care such as physiology, pathophysiology, pharmacology, and disease processes. Demonstrates an investigatory and analytic approach to patients with injury and general surgery illnesses. Prioritizes patient's disease related states, issues and designs a care plan accordingly, anticipates potential complications and prevention.</p>	<p>Teaching by attending faculty. Independent reading</p>	<p>Weekly feedback by attending and rotation evaluation by Trauma/Acute Care Surgery attendings and NPs. (https://stanford.medhb.com)</p>
<p>Patient Care: To provide compassionate, appropriate, and effective surgical care of adults.</p>	<p>Adequate assessment of ill and injured surgical patients including:</p> <ul style="list-style-type: none"> • Physical exam and history • Evaluation of appropriate laboratory data and imaging results • Development of comprehensive treatment plan <p>Manage complex physiologic derangements such as shock, respiratory compromise, sepsis, and renal failure. Directs and coordinates care of patients with large multidisciplinary team.</p>	<p>Daily rounds with the Trauma/Acute Care Surgery Team Pre-operative and intra-operative teaching</p>	<p>Weekly feedback by attending and rotation evaluation by Trauma/Acute Care Surgery attendings and NPs (https://stanford.medhub.com)</p>

<p>Effective Interpersonal and Communication skills: Residents must communicate in a</p>	<p>Provide family members an update of patient's condition. Discusses appropriate perioperative</p>	<p>Daily rounds with the Trauma/Acute Care Surgery Team</p>	<p>Weekly feedback by attending and rotation evaluation by Trauma/Acute Care Surgery</p>
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way that leads to effective information exchange of a critical care plan to patients, their families, and professional associates.	concerns with team & consultants. Works effectively with team members (attending, interns and NP) to communicate care plan.		attendings and NPs (https://stanford.medhub.com)
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.	Identify impact of complications on recovery of patients. Use information technology to assimilate current medical literature as it relates to patient care. Teaches attention to detail in surgical patients to junior residents.	Daily rounds with the Trauma/Acute Care Surgery Team Weekly Trauma/SICU Conference	Weekly feedback by attending and rotation evaluation by Trauma/Acute Care Surgery attendings and NPs (https://stanford.medhub.com)
Professionalism: Residents must show a commitment to professional responsibilities, adherence to ethical principles, and sensitivity to diversity.	Displays appropriate demeanor, even in adverse or stressful 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.	Daily rounds with the Trauma/Acute Care Surgery Team	Weekly feedback by attending and rotation evaluation by Trauma/Acute Care Surgery attendings and NPs (https://stanford.medhub.com)
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.	Act as an organizational problem solver for patients. Understands how care for patients and enables the hospital to deliver a wide range of patient care. Understands how care practice affects health care costs	Daily rounds with the Trauma/Acute Care Surgery Team	Weekly feedback by attending and rotation evaluation by Trauma/Acute Care Surgery attendings and NPs (https://stanford.medhub.com)

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