



SURG 500 Surgery

Clerkship Description

In this clerkship, students are introduced to the principles of caring for the surgical patient. Students participate in the care of patients in the various stages of evaluation and treatment by surgeons. The student will begin to understand the general process of the application of surgical therapy to patients in a wide variety of settings as a member of the multidisciplinary team.

Credit: 12 credits

Clerkship Overview: The goal of the Surgery Clerkship is to introduce the student to the principles of caring for the surgical patient. This goal is accomplished by allowing the student to participate in the care of patients in the various stages of evaluation and treatment by surgeons. These stages include but are not limited to the preoperative office or clinic visit, in-patient admission, operative procedure and inpatient/outpatient recovery. Through this exposure, the student will begin to understand the general process of the application of surgical therapy to patients in a wide variety of settings. Furthermore, by participating as a member of the surgical team, the student will observe the role of the surgeon as a member of the multidisciplinary team that provides care for the patient.

Clerkship Structure: The clerkship is structured upon the principle that learning is a process which can be accomplished only by active participation by the student. The role of the faculty preceptor is to provide guidance, stimulation, support and example.

Entrustable Professional Activities

As a fourth-year student, the focus of skills development are those tasks important for entering residency training:

- Gather a history and perform a physical exam
- Prioritize a differential diagnosis following a clinical encounter
- Recommend and interpret common diagnostic and screening tests
- Enter and discuss orders and prescriptions
- Document a clinical encounter in the patient record
- Provide an oral presentation of a clinical encounter
- Form clinical questions and retrieve evidence to advance patient care
- Give or receive a patient handover to transition care responsibility
- Collaborate as a member of an inter-professional team
- Recognize a patient requiring urgent or emergent care and initiate evaluation and management
- Obtain informed consent for tests and/or procedures
- Perform general procedures of a physician
- Identify systems failures and contribute to a culture of safety and improvement

General Clerkship Objectives

Medical Knowledge

- Demonstrate knowledge of the following:
 - Anesthesia/pain management
 - Biliary disease
 - Breast disease
 - Colorectal disease
 - Endocrine disease
 - Fluids & electrolytes
 - General thoracic surgery
 - Heart & great vessels
 - Hernia defects
 - Inflammatory bowel disease
 - Management of upper & lower GI bleeds
 - Pancreatitis & chronic pancreatitis
 - Pediatric surgery
 - Plastic surgery
 - Pre- & post- operative care
 - Small & large bowel obstruction
 - Surgical anatomy
 - Surgical radiology
 - Surgical emergencies
 - Surgical nutrition
 - Surgical oncology
 - Transplantation
 - Trauma
 - Upper abdominal tumors
 - Upper GI disorders
 - Urologic emergencies
 - Vascular disease & treatment

Patient Care

- Demonstrate the ability to obtain an accurate surgical history and to perform a complete and organ specific physical examination
- Demonstrate empathy for a patient's condition through reflection
- Respect patient choices, values and need for confidentiality
- Collaborate with a team to provide optimal patient treatment

Interpersonal and Communication Skills

- Demonstrate the ability to provide effective and empathetic dialogue with the patient and their family
- Demonstrate the use of effective listening skills
- Demonstrate the ability to document and present clinical information in an organized, accurate, legible and clear manner
- Demonstrate the ability to provide patient education to promote patient health and wellness

Professionalism

- Demonstrate honesty, compassion, respect, integrity and dignity
- Demonstrate the ability to maintain confidentiality
- Demonstrate the ability to obtain informed consent
- Advocate for improvements in healthcare access
- Demonstrate the ability to work in a team-based approach to patients

Systems-Based Practice

- Demonstrate comprehension of the complexity of the health care system
- Understand the impact of patient care on other health care providers
- Advocate for quality patient care
- Identify appropriate interactions between health care providers

Practice-Based Learning

- Demonstrate the ability to access on-line resources for medically relevant information
- Demonstrate the ability to critically analyze and incorporate surgical literature into patient care

- Understand the importance of continuing medical education
- Demonstrate the use of the surgical literature to provide evidence-based surgical care

Expected Skills for Surgery Clerkship

Introduced/practiced

- Give/receive patient handover

Expected to perform

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| <ul style="list-style-type: none"> • History and physical • History of present illness • Obtain past medical history • Obtain family history • Obtain personal and social history • Review of systems • Obtain vital signs • Patient note/SOAP note • Patient presentation • Focused Exam (H&N, ENT, | <ul style="list-style-type: none"> cardiovascular/respiratory) • Gloving/sterile technique • Differential diagnosis • Interpret lab tests • Discuss orders/prescriptions • Formulate treatment plan • Demonstrate evidence-based medicine • Collaborate as a team member • Demonstrate appropriate behaviors of a physical |
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Textbooks and Resources

Townsend C, RD Beauchamp, BM Evers, K Mattox. 2016. *Sabiston Textbook of Surgery*, 20th edition, Elsevier Publisher [ISBN 9780323401623]

Toy EC, TH Liu, AR C. 2016. *Case Files Surgery*, 5th edition. McGraw-Hill Lange Publishers [ISBN-13: 978-1259585227, ISBN-10: 1259585220].

Students have access to online reference resources through the Trinity Medical Sciences University Library and Access Medicine. Medical libraries and other learning resources are available at all hospital-based clerkship sites. Students also have access to the comprehensive Kaplan Step 2 CK preparatory materials which include lecture notes and instructional videos.

Evaluation

The evaluation will include the entrustable professional activities. The Surgery preceptor will evaluate the following.

- EPA 1: Gather history and perform a physical examination
- EPA 2: Prioritize a differential diagnosis
- EPA 3: Recommend and interpret common diagnostic and screening tests
- EPA 4: Enter or discuss orders and prescriptions
- EPA 5: Document a clinical encounter in the patient record
- EPA 6: Provide an oral presentation of a clinical encounter
- EPA 7: Form clinical questions and retrieve evidence to advance patient care
- EPA 9: Collaborate as a member of an inter-professional team
- EPA 10: Recognize a patient requiring urgent or emergent care and initiate evaluation and management
- EPA 11: Obtain informed consent for tests and/or procedures
- EPA 12: Perform general procedures of a physician
- EPA 13: Identify systems failures and contribute to a culture of safety and improvement

GRADES

March 2019

Core clerkships are graded Pass, High Pass, Honors, and Fail. Components of the final grade include:

- Evaluations (mid-clerkship, final, student)
- Case Logs (NI)
- Patient Encounters
- Attendance
- NBME Shelf Score

A student who does not pass the NBME shelf exam will receive an Incomplete in the clerkship. See the Clerkship Manual for additional information.

POLICIES

For a complete discussion of clerkship policies, refer to the [Clerkship Manual](#) and the [University Catalog and Student Handbook](#).

STUDENT GRIEVANCE POLICY

Trinity Medical Sciences University (TMSU) is committed to treating all members of the academic community fairly with regard to their personal and professional concerns. The student complaint policy and procedure ensure that concerns are promptly dealt with and resolutions reached in a fair and just manner. The University's procedure enables students to bring complaints and problems to the attention of the TMSU's administration.

A grievance is a complaint arising by an action by an individual and may include, but are not limited to the following:

- Academic programs or courses
- Discrimination
- General mistreatment
- Harassment, including sexual violence
- Mentoring
- Privacy of student educational records
- Privacy of student health records
- Security and safety
- Research
- Student health

The process for filing a grievance is found in the Clerkship Manual and the University Catalog and Student Handbook. For additional questions and guidance, contact the Sr. Associate Dean for Clinical Clerkships or the Associate Dean for Admissions and Student Affairs. TMSU forbids any retaliatory action against students who present concerns and complaints "in good faith"

ATTENDANCE POLICY

Students are expected to be present (and early) at clerkship sites as scheduled by the preceptor. Night call, weekend coverage, and holiday assignments may be included. Absences, for any reason, must be reported immediately to the Clerkship Administrator and preceptor. Absences may have disciplinary actions if not reported as outlined in the Clerkship Manual and by the preceptor.

CONDUCT

The University expects all students to be responsible individuals who possess the highest standards of integrity, honesty and personal conduct. These traits are prerequisites to independent learning, professional development, the successful performance of academic and clinical assignments, and the conduct of one's personal life. Accordingly, students are expected to adhere to a standard of behavior

consistent with the University's high standards at all times off and on campus. Compliance with institutional rules and regulations, in addition to city, state and federal laws, is expected.

Trinity School of Medicine Faculty Contact Information

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