COURSE OBJECTIVES FOR SURGERY CLERKSHIP

Analyze the data obtained from H&P and diagnostic studies, including labs and radiology, to recognize urgent situations and formulate a prioritized differential diagnosis.

Apply knowledge of anatomy in the diagnosis and management of surgical problems as well as in the understanding of surgical procedures.

Apply knowledge of pathophysiology (inflammation, infection, ischemia, oncogenesis, homeostasis, obstruction) and understand their contribution to the broad categories of surgical problems (for example: IBD, acute cholecystitis, acute mesenteric ischemia, colorectal cancer, perioperative fluid shifts).

Apply knowledge of pathophysiology and evidence from literature in patient assessment and drawing up management plans for common surgical problems.

Articulate an assessment plan to stabilize a patient and confirm the diagnosis. Recognize the indications for surgical intervention and the options amongst different surgical treatments, demonstrating an understanding of the literature. Recognize the urgency of a situation."

Be reliable, honest and respectful to patients, colleagues and staff at all times.

Demonstrate initiative, responsibility and accountability. Develop independent learning skills. Understand aspects of a surgical career.

Develop skills to communicate effectively with colleagues in both verbal and written formats: admission notes, consult note, progress note, operative note; verbal presentation on rounds/request for consultation.

Develop skills to communicate effectively with patients and families, including understanding the elements of obtaining surgical consents.

Gather data: Obtain a focused history and perform a relevant physical exam. Analyze data: Assess urgency, formulate a differential diagnosis. Formulate a plan to stabilize a patient, gather additional data and/or patient management.

Procedures: Perform routine technical procedures such as foley catheter placement, NG tube placement, airway management, skin closure, and placement of intravenous access.

Skills: Demonstrate familiarity with aseptic technique, wound care, and local anesthesia administration.
Utilize understanding of cultural, socioeconomic, gender, and age-related issues in patient interactions and surgical decision-making.