Gastroenterology Rotation

Rotation Description
Residents will spend one block on Gastroenterology. This month will primarily consist of attending GI clinics. The resident will not participate in GI call and will be able to cover general surgery call during this month. The primary focus will be on Gastroenterology problems, understanding the pathophysiology and management.

Medical Expert

Competencies/Objectives
1. Establish and apply knowledge to the clinical, socio-behavioral, fundamental biomedical sciences, and basic medical management relevant to the following general surgical patient populations.
   a. Esophagus
      i. Physiology
         1. Pharygoesophageal function and swallowing
         2. Esophageal peristalsis
         3. Lower esophageal sphincter function
         4. Antireflux mechanisms
   b. Stomach and Duodenum
      i. Physiology
         1. Gastric acid secretion and gastric emptying
         2. Duodenal exocrine and endocrine function
      ii. Clinical conditions
         1. Peptic ulcer disease
         2. Stress gastritis
   c. Small intestines
      i. Physiology
         1. Absorption of water, electrolytes, macronutrients, micronutrients and trace elements
      ii. Clinical Conditions
         1. Inflammatory conditions, including but not limited to Crohn’s disease, neutropenic enterocolitis, and radiation enteritis
         2. Ischemia: acute and chronic
         3. Other conditions including infectious diseases, hemorrhage, foreign bodies, and short bowel syndrome
   d. Colon
      i. Physiology
         1. Fluid absorption
         2. Colonic motility
      ii. Clinical conditions
         1. Hemorrhage
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Rotation Specific Goals and Objectives

2. Inflammatory conditions including Crohn’s disease, ulcerative colitis, and microscopic colitis
3. Infectious conditions including C. difficile and CMV
4. Ischemia: occlusive and non-occlusive disease
5. Motility disorders including IBS, colonic inertia, acute and chronic pseudo-obstruction
e. Rectum and Anus
   i. Physiology
      i. Continence and defecation
   iii. Clinical conditions
      1. Proctitis: UC, radiation, STI
      2. Fecal incontinence
      3. Obstructed defecation
      4. Pruritis ani
f. Liver, Biliary tract, and pancreas
   i. Physiology
      1. Bilirubin metabolism, bile production, excretion, and enterohepatic circulation
      2. Pancreatic endocrine function
      3. Pancreatic exocrine function
   ii. Clinical conditions
      i. Liver
         1. Infectious: viral, bacterial, parasitic
         2. Portal hypertension
         3. Acute liver failure
         4. Indications for transplantation
      ii. Biliary tract
         1. Benign inflammatory processes
      iii. Pancreas
         2. Pancreatitis: acute and chronic
2. Perform a complete and appropriate assessment focused on a patient's presenting with
   a. HPB issue
   b. Upper GI complaints
   c. Lower GI complaints
3. Demonstrate proficient and appropriate use of the following diagnostic and procedural skills
   a. Demonstrate effective, appropriate, and timely performance of the following diagnostic procedures
      1. Liver biopsy
      2. Pericentesis

Communicator

1. Establishes a therapeutic relationship with the patient and the family or significant support persons recognizing the importance of understanding, trust, respect, empathy and confidentiality.
2. Able to obtain a complete history of the presenting problem including the patients beliefs, concerns and expectations while considering important factors such as age, gender, cultural, spiritual and socio-economic background.

3. Effective listener, allowing the patient to participate in the decision making process.

4. Communicates and cooperates effectively with referring doctors, nurses and allied health care professionals to ensure the best patient care including:
   a. Respecting and considering the opinions of nursing staff
   b. Facilitating medical student input in patient management

5. Demonstrates skill in communicating with others that have different ethno-cultural backgrounds and in communicating with angry and hostile patients and families.

Leader

1. Utilizes resources wisely to balance patient care, research and education.
   a. Including day to day time management
2. Effectively manage health care resources in the work up of gastroenterology patients.
3. Demonstrates the ability to work effectively and cooperatively in a health care team environment.
   a. Demonstrates ability to appropriately delegate tasks
4. Uses technology to optimize patient care, lifelong learning and other clinically related activities

Health Advocate

1. Able to identify important determinants of health affecting patient’s well-being.
2. Contributes effectively to improve the health of patients and communities
3. Responds to situations in which advocacy is appropriate for the patient, the profession and society in general.
   a. Appropriate involving services such as social work and geriatric rehab
4. Understands the role and function of support groups such as Alcoholics Anonymous, the Canadian Liver Foundation, and the Canadian Cancer Society.

Scholar

1. Uses evidenced based practice to ensure optimal and current patient care
2. Facilitates the education of junior residents, medical students and other member of the health care team.
3. Develop, implement, and monitor a personal continuing education strategy

Professional

1. Delivers the highest quality care with integrity, honesty and compassion.
2. Interact with gastroenterology patients, families, nurses and other health care personnel in a professional manner with appropriate attitudes and provide care in an ethical manner.
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Rotation Specific Goals and Objectives

3. Exhibits appropriate personal and interpersonal professional behavior.  
   a. Timeliness (on time for clinics, ORs, rounding, etc.)  
   b. Accountability (i.e. answers pages)
4. Honesty (i.e. Medical error disclosure)
5. Strive to balance personal and professional roles and responsibilities, and to demonstrate ways to resolve conflicts in these areas.
6. Practices medicine with the ethical consistency and obligation of a Medical Professional.