



## GASTROENTEROLOGY

**Goal:** The goal of the Nephrology rotation is to provide learning opportunities that will enable students to develop or refine the knowledge, skills, and attitudes necessary to:

1. Elicit a complete and focused GI history.
2. Perform a complete abdominal and Gastrointestinal examination.
3. Evaluate and determine medical treatment of gastrointestinal problems.
4. Apply laboratory information and testing to specific to gastrointestinal problems.

**Objectives:** Upon completion of this rotation, students will demonstrate the ability to elicit a history, identify signs and symptoms of, evaluate and order the appropriate diagnostic tests, and describe the principles of management for the following conditions:

1. Gastritis and Esophagitis.
2. Barrett's esophagus.
3. GERD.
4. Peptic Ulcer Disease.
5. Disorders of the Pancreas.
  - a. Pancreatitis.
  - b. Pancreatic pseudocyst.
  - c. Pancreatic cancer.
6. Diabetes Mellitus.
7. Inflammatory Bowel Disease.
8. Pseudomembranous Colitis.
9. Irritable Bowel Disease.
10. Acute and Chronic Hepatitis (A, B, and C).
11. Surgical Abdominal Disorders.
12. Gastrointestinal Cancers.
  - a. Esophageal.
  - b. Barrets esophagus.
  - c. Duodenal and stomach.
  - d. Colon.
  - e. Rectal.
13. Infectious Bowel Disorders.

**Osteopathic Techniques:**

Identify techniques that are useful in osteopathic treatment of the Upper GI system (T5-T10) and the lower GI system in the thoraco-lumbar area, utilizing those treatment to alleviate pain and to speed the healing process.

**Laboratory Evaluation:**

Interpret tests, including: SGOT, SGPT, Amylase, Lipase, BUN, Bilirubin, Electrolytes, CEA and Cancer biomarkers, serum ammonia.

**Describe the criteria for and interpretation of:**

1. Sigmoidoscopy.
2. Colonoscopy.
3. Abdominal CT and MRI.
4. Abdominal plain films.
5. EGD.