

Name of rotation: GI Consultation Service

Division: Gastroenterology

Course Directors: Bruce Greenwald, M.D.

Site(s): UMMC & VA

Duration of rotation: one month only
 2 weeks possible

General description of the rotation including educational purpose, rationale or value:

The GI rotation is designed to provide the resident with a comprehensive overview of the subspecialty of gastroenterology. The consultative team consists typically of a faculty member, a PGY-4 or 5 fellow, one or two residents and one or two medical students. Two teams are responsible for providing GI consultations for inpatients at UMMC and the Baltimore VA. The primary teaching mechanism is daily consultation rounds which include didactic sessions and patient management rounds. In addition, instruction in ambulatory outpatient gastroenterology is provided at the University clinic and the VA GI clinic. The overall objectives are to provide the resident with a critical, in-depth approach to the diagnosis and management of common gastroenterological and hepatobiliary diseases. Emphasis is placed on cost effective use of laboratory, radiological and endoscopic procedures, and the pharmacology and appropriate use of drugs for GI diseases. The resident has the opportunity to observe endoscopic procedures. The multidisciplinary aspects of gastroenterology are emphasized in conferences with the radiology and pathology departments. The resident learns the use of in-depth literature surveys in the weekly patient management conference. Weekly GI Grand Rounds provides an introduction to current clinical and basic research subjects. A weekly pathology conference reviews interesting cases with an attending pathologist. A weekly core-curriculum conference provides a review of commonly encountered GI topics.

Resident responsibilities, including interns and residents:

The first major responsibility of the resident is to evaluate inpatients for whom a GI consultation has been requested. There is usually one patient per resident per day. The case is discussed in detail with the fellow and then presented to the faculty attending. The resident is responsible for writing a consultation report, conveying management recommendations to the medical team, closely following the progress of the patient and making further recommendations to the medical team. The resident will be responsible for assembling and evaluating x-rays and biopsies on patients and carrying out appropriate literature searches. The resident will also be responsible for providing short didactic sessions on subjects of interest to the consultation team. The second major responsibility of the resident is to evaluate new and follow-up patients in the outpatient clinics for a minimum of two half days each week. Patients are presented to the GI attending physician for decisions regarding ambulatory diagnosis and management plans. The resident is also expected to attend and participate in all GI conferences.

Educational Objectives: An expanded version of the competencies is listed under Core Competencies in Internal Medicine. Those listed here are specific to this rotation. Since residents may choose this elective during any year of training, PGY-1 goals and objectives are distinct for those for upper level residents, and PGY-2 and 3 goals and objectives are similar.

During this rotation, the PGY-1 resident will:

Patient Care

1. Demonstrate approach to providing consultative opinions for common GI and hepatobiliary diseases.
2. Use laboratory, radiologic and endoscopic procedures in a cost-effective manner and discuss risk/benefit analysis of these studies.
3. Discuss appropriate diagnostic and management steps for common GI emergencies.

Medical Knowledge

1. Discuss approach to outpatient management of common GI and hepatobiliary diseases.

Practice-Based Learning - See Core Competencies

Interpersonal and Communication Skills – See Core Competencies

Professionalism – See Core Competencies

System-Based Practice – See Core Competencies

During this rotation, the PGY-2 and 3 resident will:

Patient Care

1. Initiate the consultative process for common GI and hepatobiliary diseases.
2. Use laboratory, radiologic and endoscopic procedures effectively in a cost-effective manner and discuss risk/benefit analysis of these studies.
3. Evaluate and manage with assistance common GI emergencies.

Medical Knowledge

1. Evaluate and initiate outpatient management of common GI and hepatobiliary diseases.

Practice-Based Learning - See Core Competencies

Interpersonal and Communication Skills – See Core Competencies

Professionalism – See Core Competencies

System-Based Practice – See Core Competencies

Check all principle teaching methods used during this rotation:

<input checked="" type="checkbox"/>	Attending teaching rounds	<input checked="" type="checkbox"/>	Interdisciplinary rounds
<input checked="" type="checkbox"/>	Patient management discussions	<input checked="" type="checkbox"/>	Small group discussions
<input checked="" type="checkbox"/>	Conferences specific to rotation	<input checked="" type="checkbox"/>	Bedside clinical rounds
<input type="checkbox"/>	Individual instruction of procedures	<input checked="" type="checkbox"/>	Review of diagnostic studies, including radiology
<input type="checkbox"/>	Other: _____		

Describe the most important educational content, including the mix of diseases, patient characteristics, types of clinical encounters, procedures and services:

Diseases that the resident will encounter include those of the esophagus such as esophageal reflux and esophageal carcinoma; gastric diseases such as peptic ulcer, carcinoma, gastritis, gastroparesis; duodenal diseases including duodenal ulcer; small bowel diseases including malabsorption and inflammatory bowel disease, colonic disease including polyps, diverticular disease, carcinomas and inflammatory bowel disease; and pancreatitis, pancreatic carcinoma, gallstones, biliary disease, and liver diseases. Patient characteristics include inpatients and outpatients, private patients, nonprivate patients, VA patients. Types of encounters include inpatient consultations and outpatient clinics. Services include consultations and management of outpatients and observing GI procedures.

Check the principal ancillary education materials used:

<input type="checkbox"/>	Reading lists	<input checked="" type="checkbox"/>	Pathologic material
<input checked="" type="checkbox"/>	Radiologic studies	<input checked="" type="checkbox"/>	Other noninvasive studies
<input checked="" type="checkbox"/>	Handouts on relevant topics	<input checked="" type="checkbox"/>	Articles from the literature
<input type="checkbox"/>	Other: _____	<input type="checkbox"/>	Case studies

Methods used to evaluate the resident and the rotation:

<input checked="" type="checkbox"/>	Evaluation of residency performance and professionalism
<input checked="" type="checkbox"/>	Evaluation of attending teaching skills and other attributes
<input checked="" type="checkbox"/>	Rotation assessment by resident
<input checked="" type="checkbox"/>	Observation of resident's clinical competency
<input checked="" type="checkbox"/>	Observation of resident's leadership and teaching skills
<input checked="" type="checkbox"/>	Review of the resident's history/physical exam, progress notes and documentation of procedures in the chart
<input checked="" type="checkbox"/>	Resident's attendance of rounds and conferences monitored
<input type="checkbox"/>	Other: _____

Identify strengths and limitations specific to the resources of the sponsoring institution:

Strengths include a comprehensive exposure to the practice of gastroenterology including inpatient consultations, management of ambulatory patients, multidisciplinary conferences, and a wide range of patients at two institutions.

Conferences or Attending/Patient Care Rounds: (Journal club, division rounds, etc.)

<u>Name</u>	<u>Location</u>	<u>Day</u>	<u>Time</u>
Patient Management Conference	VA	Monday	4:30 pm
Pathology Conference	VA & UMMC	Tuesday	4:30 pm
Grand Rounds	UMMC	Wednesday	4:30 pm
Radiology Conference	UMMC	Thursday	4:30 pm
Consultation Rounds	UMMC & VA	Daily	
Core Curriculum Conference	UMMC	Tuesday	7:45 am
Journal Club Research Conference	UMMC	Tuesday	12:30 pm
Division Chief Rounds	UMMC	Wednesday	7:30 am

Clinics:

<u>Name</u>	<u>Location</u>	<u>Day</u>	<u>Time</u>
University GI Clinic	UHC	Thursday	1:00 pm
VA GI Clinic	VA	Friday	8:00 am

Other information: Individual clinical or laboratory research projects can be arranged with faculty mentors in the GI Division.

The resident and faculty members of the Postgraduate Education Committee reviewed and edited the content of this curriculum at its meeting on 7/18/07.