

**ROTATION SPECIFIC OBJECTIVES**

*Division of Gastroenterology, Department of Medicine  
University of Toronto*

**LUMINAL – SUNNYBROOK HEALTH SCIENCES CENTRE (SHSC)****OVERVIEW**

The division provides inpatient and outpatient consultative services in support of key priority programs, including oncology, trauma and geriatrics. The trainee is responsible for supervising junior trainees (mainly GIM trainees) with regards to triaging, scheduling and performance of procedures on inpatients. He/she is also expected to provide informal teaching around cases to junior residents. SHSC has the unique opportunity of having a large cancer care centre, which provides trainees with significant on site exposure to the diverse inpatient and outpatient aspects of gastroenterology oncology care. More senior trainees may gain exposure and some experience in the performance of ERCP or endoscopic ultrasound

**CANMEDS-BASED OBJECTIVES**

*At the end of the rotation, the GI Trainee will be able to:*

**MEDICAL EXPERT**

- Provide an appropriate differential diagnosis, followed by a clear and appropriate investigation plan
- Incorporate sufficient basic science knowledge into clinical care to manage common gastroenterology problems
- Demonstrate sufficient knowledge to recognize, evaluate and manage GI emergencies, including acute GI hemorrhage, fulminant colitis, ascending cholangitis, and to remove ingested foreign bodies from the GI tract
- Demonstrate sufficient knowledge to diagnose and manage benign and malignant diseases of the anus, including novel techniques for the management of anal dysplasia
- Demonstrate knowledge regarding the diagnosis and treatment of malnutrition, including the appropriate use of nutrition support techniques, particular enteral diets
- Demonstrate the ability to recognize, evaluate and manage ascites and associated complications
- Recognize relevant endoscopic pathology
- Perform flexible sigmoidoscopy with / without biopsy
- Perform esophagogastroduodenoscopy with / without biopsy
- Perform colonoscopy with / without biopsy



## **ROTATION SPECIFIC OBJECTIVES**

*Division of Gastroenterology, Department of Medicine  
University of Toronto*

- Perform therapeutic endoscopic procedures
  - endoscopic hemostasis (injection, thermal, endoclips therapy, variceal banding)
  - polypectomy
- Demonstrate knowledge of the indications, contraindications, risks and complications of diagnostic and therapeutic procedures:
  - Cyanoacrylate injection of gastric and ectopic varices
  - hemorrhoid band ligation
  - Argon Plasma Coagulation (APC)
  - endoluminal stenting
  - ERCP with and without stenting, with a focus on pancreaticobiliary disorders
  - endoscopic ultrasound and fine needle aspiration (FNA), with a focus on pancreaticobiliary disorders
  - PEG insertion and replacement
  - capsule endoscopy
  - paracentesis
- Demonstrate the ability to perform diagnostic and therapeutic paracentesis.
- Demonstrate familiarity with new advances in endoscopy for the management of gastrointestinal disorders, including obesity management.

## **COLLABORATOR**

- Effectively communicate the results of investigations and clear management plan to patient and his / her family members
- Deliver information to the patient, family and caregivers in a humane manner and in such a way that it is understandable, encourages discussion and promotes the patient's participation in decision-making to the degree that they wish, in particular for patients who have cancer.
- Inform patients of the potential risks of feeding tubes, enteral feeding
- Develop management plans that take into consideration a patient's goals of care, particularly when dealing with elderly patients and patients with advanced malignancies.
- Record information about endoscopic procedures in an accurate and thorough manner



## **ROTATION SPECIFIC OBJECTIVES**

*Division of Gastroenterology, Department of Medicine  
University of Toronto*

### **COLLABORATOR**

- Work effectively with allied health professionals, including endoscopy nurses, ward nursing staff, dietitians, pharmacists
- Appropriately consult surgical and other services to effectively coordinate patient care with referring physicians, family physician and other consultants
- Develop care plans for patients including investigation, treatment and continuing care in collaboration with members of the interdisciplinary team, including dietitians, pharmacists, nurse managers, oncologists, and surgeons

### **LEADER**

- Utilize hospital resources effectively, to appropriately triage investigations and procedures based on clinical need
- Manage time appropriately – in-patient consultation service, endoscopy service, outpatient clinic, academic endeavors
- Supervise more junior team members (e.g. Internal medicine trainees rotating through GI service) regarding patient care / treatment implementation and delegate the workload in an appropriate and equitable manner

### **HEALTH ADVOCATE**

- Implement preventative measures (triage of emergency patients appropriately for endoscopy in the endoscopy unit, ICU, collaboration with anesthesia for possible airway protection during endoscopy)

### **SCHOLAR**

- Critically appraises the literature and applies the data to patient care
- Demonstrates knowledge of key basic science principles (biochemistry, physiology, anatomy, pathology, genetics, pharmacology) as they apply to gastroenterology
- Effectively teaches other allied health professionals (nursing staff, dietitians, pharmacists), junior housestaff and medical students

### **PROFESSIONAL**

- Demonstrate respect and honesty at all times toward patients, faculty, peer trainees, other health professionals

**ROTATION SPECIFIC OBJECTIVES**

*Division of Gastroenterology, Department of Medicine  
University of Toronto*

- Recognize and deals with ethical issues
- Prepare correspondence (procedure, consultation, follow-up notes) in a timely manner