

## **Endoscopy**

### **Medical Expert/Clinical Decision-Maker**

See Objectives: Medical Expert

Cognitive

#### *PGY 3 Rotation*

1. An understanding of the indications and contraindications for performing upper and lower endoscopy
2. An understanding of pre-procedural care to optimize patient safety and quality of endoscopic procedures including antibiotic prophylaxis, sedation, anticoagulation management, and bowel preparation
3. An understanding of post-procedural care pertaining to recovery and discharge planning
4. Familiarity with performance, quality and safety indicators in accordance with the CAG Consensus Guidelines on Safety and Quality Indicators in Endoscopy
5. Accurate recognition and management of normal and abnormal findings in the GI tract
6. An understanding of different colonic screening tests and knowledge of screening and surveillance intervals
7. Recognition and management of complications from performing GI endoscopy
8. An understanding of the management of acute emergencies including upper and lower GI hemorrhage and foreign body impaction.
9. Knowledge of common diseases affecting the GI tract
10. An understanding of how an endoscopic equipment works and is maintained.

Psychomotor

#### *PGY 3 Rotation*

1. Safe performance of upper and lower endoscopy including complete navigation of the esophagus, stomach, proximal duodenum, and colon
2. Diagnostic and therapeutic maneuvers including biopsy, polypectomy, injection, cautery, banding, and clipping
3. Placement of a percutaneous endoscopic gastrostomy (PEG), dilation of strictures, and removal of foreign bodies

*PGY 4 Rotation*

1. Gain further experience in gastroscopy and colonoscopy, and to achieve acceptable quality outcomes.
2. Gain further experience with interventional endoscopy including acute GI bleeding, PEG tube insertion, polyp resection, etc.

**Collaborator**

See Objectives: Collaborator

*PGY 3 Rotation*

1. Understand the role of the general surgeon within the endoscopy unit to optimize patient care
2. Understand the importance of maintaining a respectful and professional attitude towards other colleagues and members of the endoscopy unit to prevent, negotiate and resolve inter-professional conflict
3. Be able to discuss cases, when appropriate, with other health care providers including gastroenterologists, radiologists, pathologists, and family physicians.

*PGY 4 Rotation*

1. Identify when it is necessary to get another specialist involved.
2. Maintain a respectful and professional attitude towards others when working in the Endoscopy Unit.

**Communicator**

See Objectives: Communicator

*PGY 3 Rotation*

1. Recognize that good communication is a core clinical skill for endoscopists, and that effective physician-patient communication can foster patient satisfaction, physician satisfaction, adherence and improved clinical outcomes
2. Recognize the importance of incorporating patient's beliefs, concerns, and expectations in clinical encounter pertaining to endoscopy
3. Understand the importance of documentation and dissemination of information related to procedures performed and their outcomes

*PGY 4 Rotation*

1. Communicate with other specialists accurately and appropriately when required (eg radiologists, gastroenterologists and intensivists).

2. Document accurately the patient encounters.

### **Health Advocate**

See Objectives: Health Advocate

#### *PGY 3 Rotation*

1. Understand how a general surgeon can advocate for patients to decrease the burden of illness at a community or society level.
2. Demonstrate an understanding of the role of screening tests in reducing mortality from colorectal cancer.
3. Identify barriers to access to care and resources for colorectal cancer screening and surveillance.

#### *PGY 4 Rotation*

1. Facilitate appropriate transfer to another facility or unit, advocating for the patient when there appears to be barriers to this (e.g. when there is no bed available).

### **Manager**

See Objectives: Manager

#### *PGY 3 Rotation*

1. Describe the principles behind the operation of a safe and effective endoscopy unit including infection control and sedation
2. Understand the importance of participation in systemic quality process evaluation and improvement, such as procedural quality and patient safety initiatives

#### *PGY 4 Rotation*

1. Facilitate appropriate arrangements for the patient as required for the acute situation (e.g. rapid response to the need for admission, transfer to another unit).

### **Professional**

See Objectives: Professional

#### *PGY 3 Rotation*

1. Recognize the professional role of a general surgeons in delivering the highest quality care and maintenance of competence in endoscopy

2. Demonstrate a commitment to patients, profession and society through participation in CAGS and local quality initiatives in endoscopy
3. Identify and appropriately respond to relevant ethical issues arising in patient care during endoscopy

### **Scholar**

See Objectives: Scholar

#### *PGY 3 Rotation*

1. Describe the principles and strategies for maintenance of competence in endoscopy
2. Recognize the importance of personal practice audit in the evaluation of performance and quality indicators in endoscopy

#### *PGY 4 Rotation*

1. Continue personal practice audit, using T-res and Summit software to document performance.