

Michael Garron Hospital
Division of General
Goals and Objectives for General Surgery Trainees

PGY1 and PGY2 General Surgery residents will generally complete a 2-4 month rotation on the service. Senior General Surgery residents (PGY3-5) will complete a 2-4 month rotation on service. The General Surgery service at MGH offers a rich exposure to key areas of General Surgical care including learning opportunities in:

- General Surgery
- Surgical Oncology
- Minimally invasive and Bariatric Surgery
- Colorectal Surgery
- Breast Surgery
- Endoscopy

These Goals and Objectives are utilized in evaluation of Resident performance and will be reflected on the ITER.

Medical Expert:

Given a patient with general surgical disease, the resident will be able demonstrate proficiency in the following:

Junior and Intermediate Level Residents

1. Perform a relevant history. (PGY1)
2. Perform an acceptable physical exam concentrating on the relevant areas.(PGY1-2)
3. Provide a plan for patient follow-up. (PGY1-2)
4. Order appropriate laboratory, radiological and other diagnostic procedures, demonstrating knowledge in the interpretation of these investigations.(PGY2-3)
5. Arrive at an appropriate differential diagnosis (PGY1-3)
6. Demonstrate proficiency in the pre and post-operative care of patients undergoing elective and/or emergency surgery (PGY1-3).

Intermediate and Senior Level Residents

7. Arrive at an acceptable plan of management, demonstrating knowledge in operative and non-operative treatment of the disease process. (PGY3-5)
8. Manage patients in the ambulatory setting, demonstrating knowledge of common office techniques and procedures. (PGY3-5)
9. Manage the patient throughout the entire in-hospital course, demonstrating knowledge of common office techniques and procedures. (PGY3-5)
10. Demonstrate proficiency in the management of critically ill patients or post-operative complications (PGY3-5)

Common General Surgery:

By the completion of the rotation the resident should be able to demonstrate proficiency in:

1. The management of a uncomplicated acute appendicitis (PGY1)
2. The management of intestinal obstruction (PGY2-3)
3. The management of uncomplicated gallstone disease (PGY2-3)
4. The management of gallstone pancreatitis; indications for ERCP, timing of surgery (PGY2-4).
5. The management of acute presentations of abdominal wall, inguinal and femoral hernia (PGY2-4)
6. The management of acute presentations of peritonitis and perforated viscus (PGY3-5)

Colorectal Surgery and Proctology:

By the completion of the rotation the resident should be able to demonstrate proficiency in:

1. The medical and surgical treatment of common proctology (hemorrhoids, fissure, abscess, fistula, pilonidal disease). (PGY2-4)
2. The medical management and indication for surgery in IBD (PGY2-3)
3. The surgical treatment of IBD (PGY4-5)
4. The screening options and criteria for colorectal cancer (PGY2-4)
5. The surgical treatment of rectal prolapse (PGY4-5)

Surgical Oncology:

By the completion of the rotation the resident should be able to demonstrate proficiency in:

1. The diagnostic workup of Breast and colorectal cancer (PGY2-3)
2. The management of colorectal cancer (PGY3-5).
3. The workup of benign and malignant breast disease (PGY2-3)
4. The treatment of patients with benign and malignant breast disease (PGY3-4)
5. The principles of surgical treatment of patients with gastric neoplasms (PGY 4,5)

Bariatric Surgery:

By the completion of the rotation the resident should be able to demonstrate proficiency in:

1. Indications and contraindications for bariatric surgery
2. Types of surgery and how the procedure is done
3. Assessing the bariatric patient in the post operative period and potential complications (immediate and long term)

Endoscopy: (PGY2)

By the completion of the rotation the resident should be able to demonstrate proficiency in:

1. The knowledge, technical skills and decision-making capabilities pertinent to the management of patients requiring routine upper and lower gastrointestinal endoscopy and Bronchoscopy
2. Understand the indications and contraindications for endoscopic procedures, and to be able to choose the safest and most cost-effective procedure for a particular patient or disease process.
3. The use of peri-procedural sedation, evaluation, and ASA guidelines
4. Understand the functioning of a gastrointestinal endoscopy unit

Technical Skills

Junior and Intermediate Level Residents

By the completion of the rotation the resident should with some assistance be able to demonstrate proficiency with:

1. An understanding of the conduct of a laparotomy (PGY1-2).
2. Basic laparoscopic and psychomotor skills (PGY1-2).
3. The operative management of uncomplicated, simple appendicitis (PGY1)
4. The operative management of uncomplicated cholecystitis (PGY2-3).
5. The safe mobilization of the colon (PGY2-3)
6. The technique small bowel anastomosis (PGY2-3).
7. The technique of breast lumpectomy, mastectomy and sentinel LN biopsy (PGY2-3)
8. The technique of end and loop stoma formation in an uncomplicated patient (PGY1-3)
9. The technique of an anal fistulotomy (PGY2-3).
10. The technique drainage of anorectal abscesses (PGY 1 -3)
11. The technique of surgical treatment of pilonidal disease (PGY1-3)
12. An understanding of the anatomy and surgery detail of gastric bypass and able to assist in the operation (PGY1-2)

Intermediate and Senior Level Residents

By the completion of the rotation the resident should be able with some assistance demonstrate proficiency in:

1. The conduct of a laparotomy (PGY3- 5).
2. The ability to achieve hemorrhage control in the bleeding patient (PGY3-5).
3. The emergency operative management of the acute abdomen for peritonitis or perforated viscus (PGY3-5).
4. Take down of the splenic flexure and completion of a colon anastomosis (PGY3-5).
5. Intra-corporal suturing (PGY4, 5).
6. The technique of axillary dissection (PGY5).
7. Laparoscopic colon resection (PG4-5).
8. Operative management of acute cholecystitis (PGY4-5).
9. Operative management of perforated appendicitis (PGY3-5).
10. The technique of total mesorectal excision (PGY4,5)
11. The safe completion of an anal fistulotomy (PGY3-5).
12. The safe surgical treatment of complex anorectal abscesses (PGY 3 -5)
13. Laparoscopic suturing and Knot tying gastric bypass surgery (PGY 3- 5)

Manager

1. Obtain informed consent for emergency and elective surgery (PGY2-5).
2. Interact effectively in a multidisciplinary team including at rounds (PGY2-4).
3. Ensure timely completion of the on-call schedule (Chief administrative resident).

Communicator/Collaborator

By the completion of the rotation the resident should be able demonstrate proficiency in:

1. Completing the surgical checklist with the peri-operative team (PGY2-5).
2. Communicating with consultant services and collaborate effectively with consulting services and allied professionals to ensure best care delivery (PGY1-3)
3. Completion of the electronic handover tool after their on-call period (PGY1-2).

Professional

By the completion of the rotation the resident should be able demonstrate proficiency in:

1. Handover with the team on call and the responsible attending surgeon for any patient with active issues prior to leaving the hospital (pending investigations, requires clinical reassessment, pending surgical intervention, recent transfer to the ICU). (PGY1-5)
2. Timely completion of medical records: OR reports, consult notes, death certificates (PGY 1-5)
3. Enabling resident team members to respect the PARO contract (PGY1-5).
4. Engage in patient safety initiatives and identify opportunities for quality improvement (PGY3-5).
5. Provide patient care in a compassionate and ethical manner, reflecting an understanding of issues related to age, gender, culture and ethnicity (PGY1-5)

Scholar

1. Demonstrate a curiosity and interest in the field, by reading around cases to expand their scope of knowledge (PGY1-3).
2. Maintain an acceptable attendance record and participate appropriately for their level at Hospital based teaching rounds (PGY1-5).
3. Meet the diverse learning needs of housestaff at various levels and from various disciplines (PGY3-5).

Health Advocate

1. Ensure diagnostic tests are completed in a timely fashion (PGY1-3).
2. Ensure timely access to adjuvant or neo-adjuvant therapy for patient with cancer (PGY3-5).
3. Organize resources to enable patients to be safely discharged from hospital in a timely fashion (PGY1-2).