



General Surgery Residency Program Mount Sinai Hospital: AQUA Team

Rotation Specific Goals & Objectives

PGY1 and PGY2 General Surgery residents will generally complete a 1-2 month rotation on the service. Senior General Surgery residents will complete a 2 month (PGY4,5) rotation on service. The MSH AQUA team offers a rich exposure to key areas of General Surgical care including learning opportunities in:

Acute Care Surgery
Colorectal Surgery
Advanced Gastrointestinal Cancer Surgery
Inflammatory Bowel Disease Surgery
Surgery for Peritoneal Malignancy
Breast Oncologic Surgery
Melanoma Cancer Surgery

The following Goals and Objective are detailed for General Surgery residents and organized by CanMeds roles.

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

Medical Expert:

Knowledge

1. Describe the principles of resuscitation and preoperative preparation of the acutely ill general surgical patient (PGY1-5).
2. Describe the differential diagnosis of the acute surgical abdomen (PGY1-5).
3. Demonstrate proficiency in reviewing abdominal imaging pertaining to general surgery (CXR, pelvic Xray, CT chest, abdomen, pelvis, MRI) (PGY2-5).
4. Demonstrate proficiency in the management of the perforated abdominal viscus (PGY1-5).
5. Demonstrate proficiency in the management of acute appendicitis (PGY1-5).
6. Demonstrate proficiency in the management of intestinal obstruction (PGY1-5).
7. Demonstrate proficiency in the management of gall stone disease (PGY1-5).
8. Demonstrate proficiency in the management of acute presentations of abdominal wall, inguinal and femoral hernia (PGY2-5).
9. Demonstrate an understanding of the screening criteria for colorectal and anal cancer (PGY2-5).
10. Demonstrate proficiency in the diagnostic workup and management of colorectal and anal cancer (PGY1-5).
11. Demonstrate the principles of surgical decision-making in advanced gastrointestinal cancer surgery (PGY4-5).
12. Demonstrate an understanding of the medical management and indications for surgery for IBD (PGY2-5).
13. Demonstrate proficiency in the management of postoperative complications of the gastrointestinal surgical patient (PGY1-5).
14. Demonstrate an understanding of the presentation, prognosis and treatment options of peritoneal based malignancies (PGY1-5).
15. Demonstrate an understanding of the indications for surgery and the short- and long-term complications of peritonectomy and intraabdominal chemotherapy (PGY4-5).
16. Demonstrate proficiency in the diagnostic workup and management of breast cancer (PGY1-5).
17. Demonstrate an understanding of the diagnostic workup and management of melanoma (PGY1-2).
18. Demonstrate an understanding of the medical and psychosocial aspects of caring for patients at the end of life. (PGY 1-5).

Technical Skills

1. Understand the conduct of an emergency laparotomy for an acute abdomen (PGY 1-2).
2. Demonstrate the conduct of an emergency laparotomy for an acute abdomen (PGY 4-5).
3. Demonstrate proficiency in the operative management of uncomplicated appendicitis (PGY 2-5).
4. Demonstrate proficiency in the operative management of uncomplicated cholecystitis (PGY 2-5).
5. Demonstrate proficiency in basic laparoscopic and psychomotor skills including suturing (PGY1-2).
6. Demonstrate the safe mobilization of the colon and completion of a large bowel anastomosis (PGY2-5).
7. Demonstrate proficiency with the technique small bowel anastomosis (PGY2-5).
8. Demonstrate proficiency in completing a laparoscopic colon resection (PG4-5).
9. Demonstrate proficiency in the operative management of complicated cholecystitis (PGY4-5).
10. Demonstrate proficiency in operative management of perforated appendicitis (PGY4-5).
11. Demonstrate proficiency in procedures required to achieve source control in surgical infections [e.g. peritonitis, necrotizing soft tissue infections, empyema] (PGY4-5).
12. Demonstrate the technique of total mesorectal excision (PGY4,5).
13. Demonstrate the technique of end and loop stoma formation (PGY1-5).
14. Demonstrate proficiency with breast lumpectomy, mastectomy and sentinel LN biopsy (PGY2-5).
15. Demonstrate the technique of axillary dissection (PGY4-5).
16. Demonstrate proficiency in the operative management of palliative patients (PGY2-5).

Manager

1. Demonstrate proficiency in the pre and post operative care of patients undergoing elective and/or emergency surgery (PGY1-5).
2. Demonstrate proficiency in obtaining informed consent for emergency and elective surgery (PGY1-5).
3. Demonstrate the ability to meet the diverse learning needs of housestaff at various levels and from various disciplines (PGY3-5).
4. Demonstrate the ability to appropriately triage and manage simultaneous demands from the different members of the health care team (PGY 1-5).
5. Demonstrate the ability to interact effectively at multidisciplinary rounds (PGY3-4).
6. Ensure timely discharge of patients (PGY1-5).
7. Ensure timely completion of the on-call schedule (PGY5).
8. Co-ordinate care and discharge planning in palliative care patients (PGY1-5).

Communicator/Collaborator

1. Demonstrate proficiency with completing the surgical checklist with the peri-operative team (PGY2-5).
2. Demonstrate proficiency in communicating with consultant services and collaborates effectively with consulting services and allied professionals to ensure best care delivery.
3. Demonstrate proficiency in completion of the electronic handover tool after their on-call period (PGY1-2).
4. Demonstrate proficiency in consulting relevant services and incorporating relevant therapeutic plans into the overall plan of care for the patient (PGY1-5).
5. Provides timely, accurate, compassionate and patient-centered information exchange, with patients and their families, at the point of care (PGY1-5).

Professional

1. Demonstrate proficiency in 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) (PGY 1-5).
2. Demonstrate proficiency in effective communication and timely completion of medical records: OR dictations, discharge summaries, consult notes, death certificates (PGY 1-5).
3. Enables resident team members to respect the PAIRO contract (PGY3-5).
4. Maintains an acceptable attendance record at teaching rounds (PGY1-5).
5. Engage in patient safety initiatives and identify opportunities for quality improvement in surgical care delivery (PGY2-5).
6. Demonstrates the provision of patient care in a compassionate, honest and ethical manner, with integrity, reflecting an understanding of issues related to age, gender, culture and ethnicity (PGY 1-5).
7. Demonstrates appropriate professional, intra-professional and interpersonal behaviour (PGY 1-5).

Scholar

1. Demonstrate a curiosity and interest in the field (PGY1-5).
2. Reads around cases to expand their scope of knowledge (PGY1-5).
3. Demonstrate proficiency in presentation and discussion of level relevant topics at teaching rounds including morbidity and mortality reviews and journal clubs (PGY1-5).
4. Demonstrates proficiency in the teaching of undergraduate students and junior trainees (PGY3-5).

Health Advocate

1. Demonstrate proficiency in ensuring diagnostic tests are completed in a timely fashion (PGY1-5).
2. Demonstrate proficiency in ensuring timely access to adjuvant or neo-adjuvant therapy for patient with cancer (PGY1-5).
3. Demonstrate proficiency in effectively organizing resources to enable that patients can be safely discharged from hospital in a timely fashion (PGY1-5).
4. Demonstrate proficiency in effectively allocating health care resources within a finite health care environment (PGY1-5).