

## St. Michael's Hospital, Division of General Surgery

### Goals and Objectives for General Surgery Trainees

PGY1 and PGY2 General Surgery residents will generally complete a 2-3 month rotation on the service. Senior General Surgery residents will complete a 2 month (PGY3) or 4 (PGY4,5) rotation on service. The General Surgery service at SMH offers a rich exposure to key areas of General Surgical care including learning opportunities in:

- Trauma
- Acute Care Surgery
- Colorectal Surgery
- Breast Oncologic Surgery
- Bariatric and Foregut 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 of the major trauma patient (PGY1-3).
2. Demonstrate the principles of resuscitation of the major trauma patient (PGY4,5).
3. Demonstrate proficiency in the primary, secondary and tertiary survey for the injured patient (PGY1-5).
4. Describe role of the trauma centre in secondary prevention (PGY1-3).
5. Demonstrate proficiency in reviewing trauma imaging (CXR, pelvic Xray, CT chest, abdomen, pelvis) (PGY2-5).
6. Demonstrate proficiency in the management of acute appendicitis (PGY1-5).
7. Demonstrate proficiency in the management of intestinal obstruction (PGY1-5).
9. Demonstrate proficiency in the management of gall stone disease (PGY1-5).
10. Demonstrate proficiency in the management of gallstone pancreatitis; indications for ERCP, timing of surgery (PGY2-5).
11. Demonstrate proficiency in the management of acute presentations of abdominal wall, inguinal and femoral hernia (PGY2-5).
12. Demonstrate an understanding of the screening criteria for colorectal cancer (PGY2-5).

13. Demonstrate an understanding of the medical management of IBD ( PGY2-5).
14. Demonstrate an understanding of the indication for surgery for IBD (PGY2-5).
15. Demonstrate proficiency in the diagnostic workup and management of colorectal cancer (PGY1-5).
16. Demonstrate proficiency in the diagnostic workup and management of breast cancer (PGY1-5).
17. Demonstrate proficiency in the workup and treatment of patients with foregut disease including GERD, paraesophageal hernia, achalasia and gastric neoplasms (PGY4,5).
18. Understand the principles of surgical treatment of patients with gastric neoplasms (PGY4,5).
19. Describe the principles of source control for surgical infections (PGY1-5).
20. Describe the principles of damage control resuscitation and damage control surgery (PGY1-5).

#### *Technical Skills*

1. Understand the conduct of a trauma laparotomy (PGY1-2).
2. Demonstrate the conduct of a trauma laparotomy (PGY3,5).
3. Demonstrate the ability to achieve hemorrhage control in the bleeding patient (PGY3-5).
4. Demonstrate proficiency in the operative management of uncomplicated appendicitis (PGY2,3).
5. Demonstrate proficiency in the operative management of uncomplicated cholecystitis (PGY2-3).
6. Demonstrate proficiency in basic laparoscopic and psychomotor skills (PGY1-2).
6. Demonstrate the safe mobilization of the colon and completion of a bowel anastomosis (PGY2-4).
7. Demonstrate proficiency with the technique small bowel anastomosis (PGY2-4).
8. Demonstrate proficiency in intracorporal suturing (PGY4,5).
9. Demonstrate proficiency with breast lumpectomy, mastectomy and sentinel LN biopsy (PGY2-4).
10. Demonstrate the technique of axillary dissection (PGY5).
11. Demonstrate proficiency in completing a laparoscopic colon resection (PG4-5).
12. Demonstrate proficiency in the operative management of acute cholecystitis (PGY4-5).
13. Demonstrate proficiency in operative management of perforated appendicitis (PGY4-5).
14. Demonstrate proficiency in procedures required to achieve source control in surgical infections [e.g. peritonitis, necrotizing soft tissue infections, empyema] (PGY3-5).

15. Demonstrate the technique of total mesorectal excision (PGY4,5)
16. Demonstrate the technique of end and loop stoma formation (PGY1-5)
17. Demonstrate the safe completion of a fistulotomy (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 interact effectively at multidisciplinary rounds (PGY3-4).
5. Ensure timely discharge of patients (PGY1-5).
6. Ensure timely completion of the on-call schedule (PGY5).
7. Demonstrate proficiency in the management of postoperative complication after major laparotomy (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).
2. Demonstrate proficiency in timely completion of medical records: OR dictations, discharge summaries, consult notes, death certificates.
3. Enables resident team members to respect the PAIRO contract (PGY3-5).
4. Engage in patient safety initiatives and identify opportunities for quality improvement in surgical care delivery (PGY2-5).
5. Provides patient care in a compassionate and ethical manner, reflecting an understanding of issues related to age, gender, culture and ethnicity.

### *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).
3. Maintains an acceptable attendance record at teaching rounds (PGY1-5).
4. Demonstrates proficiency in the teaching of UG 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 organizing resources to enable that patients can be safely discharged from hospital in a timely fashion (PGY1-5).