

Toronto Western Hospital, University Health Network

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 (PGY 3-5) will usually complete a 4 month rotation on service. The General Surgery service at TWH offers a rich exposure to key areas of General Surgical care with a special emphasis on basic and advanced minimally invasive gastrointestinal and abdominal surgery including:

Acute Care Surgery

Colorectal Surgery

Bariatric and Foregut Surgery

Solid Organ Surgery

Abdominal Wall/Hernia 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. Understand and demonstrate the principles of assessment and resuscitation of emergency general surgical patients (PGY1-5).
2. Understand the principles of source control for surgical infections (PGY1-5).
3. Demonstrate proficiency in reviewing abdominal imaging (AXR, CT chest, abdomen, pelvis) (PGY2-5).
4. Understand the basic fundamentals of laparoscopic surgery (PGY 1-3)
4. Demonstrate proficiency in the management of acute appendicitis (PGY1-5).
5. Demonstrate proficiency in the management of intestinal obstruction (PGY1-5).
6. Demonstrate proficiency in the management of gall stone disease (PGY1-5).

7. Demonstrate proficiency in the management of gallstone pancreatitis; indications for ERCP, timing of surgery (PGY2-5).
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 cancer (PGY2-5).
10. Demonstrate proficiency in the diagnostic workup and management of colorectal cancer (PGY1-5).
11. Demonstrate proficiency in the assessment, workup, and criteria required for patients being considered for bariatric surgery (PGY1-5)
12. Demonstrate proficiency in the management of complications following bariatric surgery (PGY3-5).
13. Demonstrate proficiency in the workup and treatment of patients with foregut disease including GERD, paraesophageal hernia, achalasia and gastric neoplasms (PGY4,5).
14. Understand the principles of surgical treatment of patients with gastric neoplasms (PGY4,5).
15. Demonstrate an understanding of the criteria for insertion of peritoneal dialysis catheters (PGY 1-5)

Technical Skills

1. Demonstrate proficiency in basic laparoscopic and psychomotor skills including camera navigation, trocar insertion, and instrument handling (PGY1-2).
2. Demonstrate proficiency in basic open psychomotor surgical skills such as knot tying, cutting, etc. (PGY 1)
3. Demonstrate proficiency in intracorporeal suturing on a simulator (PGY1-2).
4. Demonstrate proficiency in intracorporeal suturing intraoperatively (PGY3-5).
5. Demonstrate proficiency in the operative management of uncomplicated appendicitis (PGY2,3).
6. Demonstrate proficiency in the operative management of perforated appendicitis (PGY4-5).
7. Demonstrate proficiency in the operative management of uncomplicated cholecystitis (PGY2-3).
8. Demonstrate proficiency in the operative management of acute cholecystitis (PGY4-5).
9. Demonstrate proficiency in the jejunio-jejunostomy during a laparoscopic gastric bypass (PGY4-5).
10. Demonstrate the safe laparoscopic mobilization of the colon and completion of a bowel anastomosis (PGY3-5).

11. Demonstrate proficiency in completing a laparoscopic colon resection (PG4-5).
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 the technique for small bowel anastomosis (PGY2-4).
15. Demonstrate proficiency with basic laparoscopic lysis of adhesions (PGY2-4).
16. Demonstrate proficiency with laparoscopic incisional hernia repair (PGY 2-4)
17. Demonstrate proficiency with laparoscopic inguinal hernia repair (PGY 3-5)
18. Demonstrate proficiency with open surgical management of small bowel obstruction (PGY 2-4)
19. Demonstrate proficiency with laparoscopic management of small bowel obstruction (PGY 4-5)
20. Demonstrate proficiency in laparoscopic peritoneal dialysis catheter insertion (PGY 2-4)
21. Demonstrate proficiency in basic endoscopy skills including esophagogastroduodenoscopy and colonoscopy (PGY 3-5).

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. Demonstrate proficiency in the management of postoperative complications after laparoscopic procedures. (PGY1-5).
7. Ensure timely completion of the on-call schedule (PGY5).

Communicator/Collaborator

1. Demonstrate proficiency with completing the surgical checklist with the peri-operative team (PGY1-5).
2. Demonstrate proficiency in communicating with consultant services and collaborates effectively with consulting services and allied professionals to ensure best care delivery (PGY1-5)
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. Demonstrate proficiency in discussing and a plan of care with patients and their families (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).

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. Demonstrates 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 patients to be safely discharged from hospital in a timely fashion (PGY1-5).