

**St. Michael's Hospital, Division of General Surgery
Goals and Objectives for PGY3, 4, 5 General Surgery Trainees**

Senior General Surgery residents will complete a 2 month (PGY3) or 4 month (PGY4, 5) rotation. 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

By the end of the rotation the resident will be able to:

1. Demonstrate proficiency in resuscitation of a major trauma patient.
2. Demonstrate advanced ability in the primary, secondary and tertiary survey for the injured patient and correctly identify which patients require surgical intervention for injuries sustained in the chest or abdomen.
3. Correctly identify which patients require intubation in the trauma bay.
4. Correctly identify which patients require massive transfusion and require ICU admission
5. Correctly identify which patients require embolization for pelvic fracture hemorrhage
6. Correctly interpret trauma imaging (CT chest, abdomen, pelvis).
7. Demonstrate proficiency in the workup and treatment of patients with foregut disease, including GERD, paraesophageal hernia, achalasia and gastric neoplasms.
8. Demonstrate proficiency in the treatment of patients with gastric neoplasms.
9. Recognize and manage post-op complications following a major laparotomy.
10. Demonstrate proficiency in the management of the breast cancer patient
11. Demonstrate proficiency in the management of critically ill patients with peritonitis, trauma, massive GI hemorrhage.

Technical Skills

By the end of the rotation the resident will be able to:

1. Conduct a trauma laparotomy.
2. Achieve hemorrhage control in the bleeding patient.
3. Demonstrate proficiency in intra-corporal suturing.
4. Demonstrate proficiency with breast lumpectomy, mastectomy and sentinel LN biopsy.
5. Demonstrate proficiency in completing an open or laparoscopic colon resection (PGY4/5).
6. Demonstrate proficiency in the operative management of acute cholecystitis.
7. Demonstrate proficiency in operative management of complicated appendicitis.
8. Demonstrate proficiency in procedures required to achieve source control in surgical infections
9. [e.g. peritonitis, necrotizing soft tissue infections, empyema] (PGY4/5).
10. Demonstrate the ability to surgically treat intestinal obstruction.
11. Demonstrate the technique of total mesorectal excision (PGY4/5)
12. Demonstrate proficiency in the surgical treatment of patient with IBD (PGY4,5) .
13. Demonstrate proficiency in the surgical treatment of small bowel obstruction
14. Demonstrate proficiency in the surgical treatment of groin hernias
15. Demonstrate proficiency in the surgical management of anorectal disease

Communicator

By the end of the rotation the resident will be able to:

1. Communicate effectively with health professionals to ensure best outcomes for patients
2. Complete medical records in a timely manner: OR dictations, discharge summaries, consult notes, death certificates.
3. Obtain informed consent in an emergency setting in critically ill patients.

Collaborator

By the end of the rotation the resident will be able to:

1. Collaborate effectively with consulting services and allied professionals to ensure best care delivery and is able to identify and manage conflicts effectively when they arise.

Manager

By the end of the rotation the resident will be able to:

1. Meet the diverse learning needs of housestaff at various levels and from various disciplines.
2. Demonstrate the ability to deliver excellent patient care in the pre-op, peri-op and post operative period
3. Demonstrate an effective allocation of resources for ensure optimal patient care given housestaff.
4. Demonstrate time management skills that meet the needs of patients, sustainable practice and personal well-being.

Health Advocate

By the end of the rotation the resident will be able to:

1. Ensure timely access to adjuvant or neo-adjuvant therapy for patient with cancer.
2. Organize resources to enable that patients can be safely discharged from hospital in a timely fashion.
3. Support the health of patients by referrals, information on risk factors, health maintenance and disease prevention.

Scholar

By the end of the rotation the resident will be able to:

1. Demonstrate a curiosity and interest in the field, by reading expanding their scope of knowledge.
2. Present and discuss level relevant topics at teaching rounds, including morbidity and mortality reviews and journal clubs.
3. Effectively teach UG students and junior trainees.

Professional

By the end of the rotation the resident will be able to:

1. Demonstrate proficiency in handover, prior to leaving the hospital, with the team on call and the responsible attending surgeon, for any patient with active issues (e.g. pending investigations, requires clinical reassessment, pending surgical intervention, recent transfer to the ICU).
2. Enable resident team members to respect the PARO contract.
3. Engage in patient safety initiatives and identify opportunities for quality improvement in surgical care delivery.
4. Provide patient care in a compassionate and ethical manner, reflecting an understanding of issues related to age, gender, culture and ethnicity.