

Goals and Objectives

The General Surgery Service at North York General is a busy community-based rotation in which you will have exposure to:

- Emergency/Acute Care Surgery
- Elective benign general surgery
- Hernia and advanced hernia
- Breast
- Colorectal
- Surgical Oncology
- Minimally invasive
- Endoscopy

There will be 3 meetings with the site coordinator during your rotation

1. first week
2. mid-rotation
3. last week

During the mid-rotation and last week meetings you will be provided with feedback about your performance. If you feel that there is an inequity with your current workload and your perceived capabilities, please bring it to the attention of Dr. Stotland or Dr. Feinberg at any point.

There is an on-line point of care resident evaluation form that your preceptor will filling out. Please ask your attendings for regular feedback and to fill out the forms together.

You will be expected to function as a professional and take responsibility for your patients as outlined by the CanMeds framework. The complexity of task assignment, whether it be patient management or technical skill(s), will be commensurate with the level of proficiency exhibited by the resident and at the discretion of the supervising staff surgeon.

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

Medical Expert:

Knowledge:

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

Breast Disease:

PGY1-3

1. Explain the recommendations on screening for breast cancer in average-risk woman
2. Identify high-risk individuals who may benefit from high risk screening, genetic counseling/testing and prophylactic treatment (medical or surgical)
3. Perform a relevant history to differentiate common breast complaints
4. Provide appropriate counsel to patients after benign breast findings
 - a. Surgical oncology: Discuss appropriate surgical management options of the primary breast tumor and axillary lymph nodes

PGY3-5

5. Demonstrate an appreciation of the importance of multidisciplinary care to patient outcomes through case presentations at Multidisciplinary Cancer Conference
6. Manage postoperative complications including seroma, infection and hematoma.
7. Discuss an appropriate survivorship plan for breast cancer patients
8. Interpret radiology reports by understanding the significance of commonly used terms and the BI-RADS classification system
9. Interpret pathology reports by understanding how specimens are processed and the significance of routinely reported histologic features
10. Demonstrate an understanding of the utility and limitations of different breast imaging modalities
11. Demonstrate an understanding of the multidisciplinary management of breast cancer
 - a. Medical oncology: demonstrate an understanding of the treatment principles and toxicities of chemotherapy, endocrine and her2-directed therapies
 - b. Radiation oncology: demonstrate an understanding of the treatment principles and toxicities of radiation therapy
 - c. Plastic surgery: Identify candidates for reconstruction and achieve a basic understanding of the surgical options

Colon and Rectal Surgery:

PGY1-3 will be able to demonstrate an understanding of and proficiency in:

1. The relevant anatomy and physiology of the large bowel
2. The relevant anatomy and physiology of the rectum and anus
3. The screening criteria for colorectal cancer
4. The diagnostic workup and management of colorectal cancer

PGY3-5 will be able to demonstrate an understanding of and proficiency in:

5. The management of a malignant polyp
6. The role of local excision and TAMIS
7. The diagnostic workup and management of benign anorectal disease
8. The role for pre-operative chemoradiation for rectal cancer
9. The selection of adjuvant treatment in colorectal cancer
10. Discussion at Multidisciplinary Cancer Care Conference

Surgical Oncology:

PGY1-3 will be able to demonstrate an understanding of and proficiency in:

1. The relevant anatomy and physiology of the stomach
2. The relevant anatomy and physiology of the small bowel

PGY3-5 will be able to demonstrate an understanding of and proficiency in:

3. The diagnostic workup and management of gastric cancer
4. The role for pre-operative treatment for gastric cancer
5. The diagnostic workup and management of gastrointestinal stromal tumors (GIST) from all GI sites
6. Adjuvant therapy for GIST
7. The diagnostic workup and management of neuroendocrine tumors (NET) from all GI sites
8. Discussion of complex surgical oncology patients for discussion at Multidisciplinary Cancer Care Conference

Benign General Surgery:

PGY1-3 will be able to demonstrate an understanding of and proficiency in:

1. The relevant anatomy and physiology of the abdominal wall, hepatobiliary system and appendix
2. The management of acute presentations of abdominal wall, inguinal and femoral hernia
3. The management of simple acute appendicitis in an uncomplicated patient
4. The diagnosis management of intestinal obstruction in an uncomplicated patient
5. The diagnosis and management of gallstone disease, including indications for ERCP in an uncomplicated patient

PGY3-5 will be able to demonstrate an understanding of and proficiency in:

6. The various types of mesh for hernia repair and their utility in various applications
7. Demonstrate proficiency in the management of gallstone pancreatitis, indications for ERCP, timing of surgery
8. The management of complex presentations of appendicitis
9. The diagnosis and management of complex presentations of intestinal obstruction
10. The diagnosis and management of complex presentations of gallstone disease, including indications for ERCP in an uncomplicated patient

Clinical Skills:

PGY1-3 will be able to demonstrate proficiency in

- Completing a comprehensive and relevant history and physical examination
- Triage priority of consultations
- The ability to formulate a differential diagnosis
- The diagnosis and management of uncomplicated patients with common surgical diagnoses
- The assessment and workup of the emergency referral for acute abdomen in uncomplicated patients.
- Determining which patients can be safely observed and which patients required urgent surgical attention

PGY3-5 will be able to demonstrate proficiency in

- The diagnosis and management of a wide range of surgical patients, including those with complex abdominal surgery, major cancer resections, re-operation, post-operative complications, and critically ill surgical patients
- The assessment and workup of the emergency referral for acute abdomen and in complex, triaging which among these patients require urgent resuscitation and surgical attention.

Technical Skills:

PGY1-3 will be able to demonstrate proficiency in

- A comprehensive and patient-sensitive breast and lymph node examination
- The operative management of uncomplicated appendicitis
- The operative management of biliary colic
- The operative management of elective groin/umbilical hernia repair
- Mobilization of the colon
- Creation of a loop stoma in a stable patient
- Basic laparoscopic and psychomotor skills
- Small bowel resection an anastomosis in a stable uncomplicated patient

PGY3-5 will be able to demonstrate proficiency in

- Breast lumpectomy (with possible radioactive seed localization) with attention to oncoplastic principles
- Mastectomy with attention to oncoplastic principles
- Sentinel lymph node biopsy
- The approach to an axillary lymph node dissection
- Selective nipple duct excision
- The safe mobilization of the colon and completion of a bowel anastomosis
- Intracorporal suturing
- Operative management of complicated acute cholecystitis
- Performance of laparoscopic ventral hernia repair
- Performance of Fistulotomy
- Performance of Haemorrhoidectomy
- Total mesorectal excision (TME) (PGY 4-5)
- Completion of laparoscopic colon resection. (PGY 4-5)
- Technique of gastric resection (open and laparoscopic)(PGY4-5)
- Performance of laparoscopic inguinal hernia repair (PGY 4-5)

Communicator - Residents will be able to demonstrate proficiency in:

- The completion of the surgical checklist with the peri-operative team
- Listening effectively with sensitivity to ethnic, cultural, and spiritual values
- Providing patients and families appropriate therapeutic risk/benefit information for informed decisions
- Effective communication with members of the health care team
- Completing accurate, timely written orders, progress notes, discharge summaries and letters and reports to referring physicians
- Creating timely, concise, accurate operative reports.

Collaborator: Residents will be able to demonstrate proficiency in:

- Effective collaboration with members of the health care team to ensure optimal patient care, education and outcomes

Manager - Residents will be able to demonstrate proficiency in:

- The use of broad sources of information and technology to maximize efficiency
- The use of health care resources appropriately and efficiently
- Leading (PGY3-5) or contributing to the health care team (PGY 1-2)
- The delegation and distributing tasks fairly (PG3-5)

Health Advocate- Residents will be able to demonstrate proficiency in:

- Ensuring diagnostic tests are completed in a timely fashion
- The organization of resources to enable patients that can be safely discharged from hospital in a timely fashion
- Triaging of emergency cases in the OR (PGY 3-5)

Scholar - Residents will be able to demonstrate proficiency in:

- Curiosity in the field and life-long learning skills by the use of appropriate educational resources
- Facilitating the learning of patients, students, and other health professionals
- The discussion of level relevant topics at teaching rounds, morbidity and mortality reviews, case presentations, journal clubs, and MCC rounds

Professional - Residents will be able to demonstrate proficiency in:

- Personal and interpersonal professional behavior
- Adherence to legal and ethical codes of practice, including those related to confidentiality and informed consent
- Acceptance of constructive feedback and demonstrates insight into his/her limitations
- In patient handover with timely signout of patients
- Timely completion of medical records: OR dictations, discharge summaries, consult notes, death certificates

Summary:

The entire Division of General Surgery at North York General is committed to education. Our goal is to provide an intensive educational experience in which you will work very closely with attending surgeons. Residents will generally get out of the rotation what they put in. This rotation is based upon the apprenticeship model and you should expect to develop a close professional relationship with the attending surgeons.