



General Surgery Residency Program
Mount Sinai Hospital: RED and ORANGE Teams
JUNIOR RESIDENT

Rotation Specific Goals & Objectives

PGY1 and PGY2 General Surgery residents will generally complete a 1-2 month rotation on the service. The MSH RED and ORANGE teams offer 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

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 Junior General Surgery resident will be able to:

1. Demonstrate an appropriate fund knowledge of normal physiology and pathobiology of diseases of the GI tract and breast.
2. Conduct a relevant, precise, concise, organized, appropriate and accurate history and physical exam.
3. Integrate information appropriately into care plans
4. Analyze and integrate relevant data to formulate correct diagnoses and therapeutic plans
5. Describe the resuscitation and preoperative preparation of the acutely ill general surgical patient
6. Manage simple, uncomplicated acute appendicitis
7. Describe the differential diagnosis of the acute surgical abdomen
8. Describe the diagnostic workup of colon cancer
9. Describe the diagnostic workup of rectal cancer (PGY2)
10. Manage adhesive intestinal obstruction (PGY2)
11. Describe the indications for surgery for Ulcerative Colitis
12. Describe the indications for surgery for Crohn's Disease
13. Provide appropriate pre- and post-operative care of patients undergoing elective surgery that includes attention to wound management, organ dysfunction, infectious complications, avoidance of complications, treatment of hypovolemia, hypoxemia, and pain, psychosocial issues and discharge planning .
14. Understand and help implement Enhanced Recovery after surgery protocols
15. Recognize an acutely ill patient and call for help appropriately.
16. Understand and Follow the Best Practice in General Surgery Guidelines related to VTE prophylaxis and mechanical bowel preparation
17. Diagnose and manage patients with diverticulitis
18. Recognize patients who require surgical source control of hemorrhage or infection in the ICU setting

Technical Skills

By the end of the rotation the Junior General Surgery resident will be able to:

1. Demonstrate an understanding of surgical anatomy, indications, contraindications, and conduct of commonly done procedures in General Surgery.
2. Demonstrate respect for tissues, use instruments appropriately; perform the steps with some guidance
3. Describe the conduct of an emergency laparotomy for an acute abdomen
4. Demonstrate basic laparoscopic and psychomotor skills, such as trocar insertion and instrument handling.
5. Conduct a simple, uncomplicated appendectomy (PGY1)
6. Safely mobilize the right colon (PGY2)
7. Safely carry out a small bowel anastomosis in an uncomplicated patient in the elective setting (PGY2).
8. Demonstrate an end and loop stoma formation (PGY1 with assistance).
9. Safely carry out an uncomplicated loop ileostomy closure (PGY 1 and 2)

Communicator

By the end of the rotation the Junior General Surgery resident will be able to:

1. Provide timely, accurate, compassionate and patient-centered information exchange, with patients and their families, at the point of care.
2. Use voice, body language, to good effect
3. Obtain informed consent for emergency and elective surgery, providing sufficient information regarding risks and benefits of treatment alternatives.
4. Complete appropriate documentation that is organized and on time with minimal assistance (e.g. discharge summaries, consult notes, and death certificates).
5. Create OR notes for routine procedures that are cohesive with appropriate detail of important issues, completed in a timely fashion
6. Establish a therapeutic relationship with patients and communicate well with family.
7. Provide clear and thorough explanations of diagnosis, investigation and management in a professional manner.
8. Demonstrate empathy and sensitivity to racial, gender and cultural issues.

Collaborator

By the end of the rotation the Junior General Surgery resident will be able to:

1. Courteously and professionally interact with team members
2. Communicate with consultant services and collaborate effectively with consulting services to ensure best care delivery.
3. Complete the briefing, the surgical checklist and debriefing with the peri-operative team
4. Consult relevant services and incorporate relevant therapeutic plans into the overall plan of care for the patient.
5. Complete the electronic handover tool after their on-call period to notify the team on call for any patient with active issues prior to leaving the hospital (e.g. pending investigations, requires clinical reassessment, pending surgical intervention, recent transfer to the ICU).

Leader

By the end of the rotation the Junior General Surgery resident will be able to:

1. Appropriately triage and manage simultaneous demands from the different members of the health care team (PGY 2).
2. Ensure timely discharge of patients, including completion of discharge summaries
3. Demonstrate time management skills to reflect and balance priorities for patient care, sustainable practice, and personal life

Health Advocate

By the end of the rotation the Junior General Surgery resident will be able to:

1. Provide patient care in a compassionate and ethical manner, reflecting an understanding of issues related to age, gender, culture and ethnicity
2. Ensure diagnostic tests are completed in a timely fashion.
3. Organize resources to enable patients to be safely discharged from hospital in a timely fashion.

Scholar

By the end of the rotation the Junior General Surgery resident will be able to:

1. Demonstrate curiosity and interest in the field by reading around cases to expand their scope of knowledge.
2. Develop and implement an ongoing effective personal learning strategy
3. Interact effectively at multidisciplinary rounds
4. Present and discuss level relevant topics at teaching rounds, including morbidity and mortality reviews and teaching rounds.
5. Teach and supervise undergraduate students.

Professional

By the end of the rotation the Junior General Surgery resident will be able to:

1. Enable resident team members to respect the PARO contract.
2. Provide patient care in a compassionate, honest and ethical manner, with integrity, reflecting an understanding of issues related to age, gender, culture and ethnicity.
3. Demonstrate respect for medical code of conduct
4. Demonstrate commitment to excellence in clinical care and personal ethical conduct.
5. Demonstrate appropriate professional, intra-professional and interpersonal behaviour.
6. Maintain appropriate boundaries, including appropriate draping for a physical examination and appropriate presentation of a case to a group in the presence of the patient.
7. Take complete responsibility for assigned tasks
8. Recognize own limitations and seek advice when necessary; accept advice and respond appropriately
9. Adhere to legal and ethical codes of practice, including confidentiality, informed consent, mandatory reporting