



# General Surgery Residency Program Mount Sinai Hospital: AQUA Team

## 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 AQUA team offers a rich exposure to key areas of General Surgical care including learning opportunities in:

Acute Care Surgery  
Advanced Gastrointestinal Cancer Surgery  
Surgery for Peritoneal Malignancy  
Breast Oncologic Surgery  
Melanoma Cancer 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 disease relevant to colorectal, surgical oncology and breast diseases
2. Conduct a relevant, precise, concise, organized; appropriate and accurate exam.
3. Integrate information appropriately into care plans
4. Analyze and integrate relevant data to formulate correct diagnoses and therapeutic plans
5. Create plans that are documented, organized and well executed
6. Describe the resuscitation and preoperative preparation of the acutely ill general surgical patient
7. Manage simple, uncomplicated acute appendicitis
8. Describe the differential diagnosis of the acute surgical abdomen
9. Order appropriate diagnostic workup of colorectal and anal cancer
10. Manage adhesive intestinal obstruction (PGY2)
11. Provide medical management of IBD (PGY2).
12. Describe the indications for surgery for IBD (PGY2).
13. Provide appropriate pre- and post-operative care of patients undergoing elective and/or emergency surgery that includes attention to wound management, organ dysfunction, infections complications, avoidance of complications, treatment of hypovolemia, hypoxemia, and pain, psychosocial issues and discharge planning .
14. Recognize an acutely ill patient and call for help appropriately.
15. Describe the presentation, prognosis and treatment options for patients with peritoneal based malignancies (PGY2)
16. Order appropriate diagnostic workup of patients with breast cancer (PGY2)
17. Order appropriate diagnostic workup of patients with melanoma

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18. Follow the Best Practice in General Surgery Guidelines related to VTE prophylaxis and mechanical bowel preparation
  19. Diagnose patients with diverticulitis
  20. 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 operations 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
6. Safely mobilize the colon excluding the splenic flexure (PGY2)
7. Safely carry out a small bowel anastomosis in an uncomplicated patient in the elective setting (PGY2).
8. Conduct an end and loop stoma formation
9. Conduct a breast lumpectomy and provide competent assistance for mastectomy

### ***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, translators 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. Creates OR notes that are cohesive, with appropriate detail of important issues, completed in a timely fashion
6. Establish a therapeutic relationship with patients and communicates 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.
9. Use voice, body language, translators to good effect.

### ***Collaborator***

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

1. Courteous, interacts professionally with team members
2. Communicate with consultant services and collaborate effectively with consulting services and allied professionals to ensure best care delivery.
3. Complete the briefing, the surgical checklist and debriefing with the peri-operative team (PGY2).
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 and for any patient with active issues prior to leaving the hospital (e.g. pending investigations, requires clinical

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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 limitation and seek advice when necessary; accepts advice and responds appropriately
9. Adhere to legal and ethical codes of practice, including confidentiality, informed consent, mandatory reporting