

HCMC FAMILY MEDICINE RESIDENCY PROGRAM

G1 Surgery

ROTATION SPECIFIC COMPETENCY OBJECTIVES

Patient Care

Objectives:

By the end of the rotation, the G1 resident will:

- Understand the details of a comprehensive assessment of surgical patients and perform this assessment with some supervision
- Diagnose and manage common surgical problems
- Determine the acuity and severity of the patient's problem
- Recognize the signs and symptoms of deteriorating patient status
- Begin to use laboratory tests and imaging modalities appropriately
- Elicit a pre-operative history from patients, families and other resources
- Demonstrate skills in the preoperative assessment and management of surgical patients including recognition of appropriate surgical candidates, surgical risk assessment, identification of co morbid disease, need for antibiotic prophylaxis and proper patient preparation for the procedure
- Develop skills in intraoperative care of the surgical patient including preparation and draping of the operative field, basic principles of asepsis and sterile technique, the ability to assist in the operating room with a variety of surgical cases, suture selection, knot tying, wound closure
- Perform post-operative checks and demonstrate skills in postoperative care including routine wound care, pain and nutrition management and risk of immobilization
- List indications and risks and perform the following procedures safely with the assistance of an experienced supervisor: aseptic technique, regional anesthesia, minor surgical procedures, nail plate removals, surgical wound closures and wound debridement

Medical Knowledge

Objectives:

By the end of the rotation, the G1 resident will:

- Become skilful in early recognition of symptoms and the initial diagnostic workup of specific surgical conditions: acute abdominal pain including but not limited to appendicitis, bowel obstruction, cholelithiasis, pancreatitis; common gastrointestinal disorders including esophageal disorders, GI bleeding; peptic ulcer disease, diverticulitis, inflammatory bowel disease; vascular diseases including aneurysms, carotid occlusive disease; soft tissue masses; malignancies; breast disease; burns; shock
- Understand the indications, risks and benefits of various surgical procedures
- Demonstrate an emerging ability to apply clinical guidelines of diseases to patient care
- Identify a clinical guideline and evidence-based treatment concerning a single patient problem
- List common pharmaceuticals and their indications for usage
- Name various resources used to obtain information about medications

Practice-Based Learning and Improvement

Objectives:

By the end of the rotation the G1 resident will:

- Accept constructive feedback
- Recognize the appropriate and timely referral of surgical cases for specialized care
- Demonstrate emerging ability to educate patients and families on surgical topics
- Differentiate between conditions requiring urgent versus elective care
- Define the salient facts necessary to educate patients on medical topics
- Recognize personal limitations in knowledge

Systems Based Practice

Objectives:

By the end of the rotation, the G1 resident will:

- Manage the overall health care plan, linking consultants to provide excellent care
- Provide the integrated view for patients and families
- Define the benefits of cost-effective tests and labs
- Outline the steps necessary in prescribing medication safely, in a cost effective manner
- List factors necessary to facilitate discharge planning
- Utilize the team members necessary to organize and arrange an appropriate discharge after surgery – including nutritionists, physical and occupational therapists

Professionalism

Objectives:

By the end of the rotation, the G1 resident will:

- Consistently arrive on time
- Consistently use respectful language and attitudes toward patients, colleagues, faculty and staff
- State the importance of a patient's privacy
- Define sensitivity to cultural differences
- Recognize the patient's perception of illness
- State the importance of a patient's preferences in formulating a plan of care
- Understand the ethical and cultural issues that impact the surgical patient

Interpersonal and Communication Skills

Objectives:

By the end of the rotation, the G1 resident will:

- Create a history and physical for admitted patients
- Develop skills in pre and post operative counseling of patients and their families regarding surgical problems List qualities that facilitate the effective use of interpreters
- Identify the qualities that facilitate communication with consultants, team members and members of the allied health team
- Present patients concisely and effectively at rounds

Educational resources

- Schwartz's Principles of Surgery
- Procedures for Primary Care Physicians
- Reference library material