CY1 Simulation

Patient Care
The resident is expected to be introduced to:
• Basic upper and lower endoscopic skills
• Basic suturing techniques
• Vascular surgical techniques
• Bronchoscopy skills
• Basic and Advanced laparoscopic skills
• ACLS, ATLS, and surgical critical care principles

The resident is expected to be competent at:
• Simulated open surgical techniques
• Tissue handling and wound closure techniques
• Fundamentals of Laparoscopic Surgery skills tasks
• Simulated laparoscopic surgical tasks and techniques
• Managing patient simulated surgical scenarios

Medical Knowledge
The Resident should understand:
• Basic Science principles (ex: metabolism, wound healing, nutrition, surgical anatomy)
• General Surgery principles (ex: acute abdomen, trauma management)
• Pathophysiology of common general surgical diseases (i.e. Cholecystitis, bowel obstruction, hernia, peptic ulcer disease, lipoma, appendicitis, breast disease, peripheral vascular disease)
• Critical Care subjects (ex: ARDS, SIRS, MODS)
• Pharmacologic principles (ex: antibiotic management, Medication management for cardiac arrest patient)
• Radiographic studies: indications and interpretation (ex: CT scan interpretation for acute appendicitis, SBO)

Practice Based Learning and Improvement
The Resident should demonstrate the ability to:
• Evaluate published literature in critically acclaimed journals and texts
• Participate in academic and clinical discussions
• Participate in interdisciplinary team training and teach medical students, interns, and nurses
• Attend conferences (ex: M&M, Thursday morning teaching conference)

Interpersonal and Communication Skills
The resident is expected to demonstrate the ability to:
• Interact with faculty and peers in a teaching environment
• Participate in disclosure simulation on giving patients bad news
• Interact with nursing, perioperative staff in a teaching environment
Professionalism

The resident should demonstrate:

- Ability to accept constructive criticism and positive feedback on performance
- Exposure to ethical issues
- Sensitivity to gender, age, race, and cultural issues
- Leadership qualities

Systems Based Practice

The Resident should have:

- Exposure to cost-effective care issues
- Exposure to medical-legal issues
- Knowledge of information technology/computer resources available