Rotation Specific Goals and Objectives

Site: VA Palo Alto Health Care System

Rotation: General Surgery

PGY Year: 4

### Rotation Knowledge Goals (corresponds to disease/condition on SCORE outline)

- Demonstrate **advanced** knowledge of the pathophysiology, evaluation, and management of patients with surgical oncologic and endocrine disease, including:
  - Colon Cancer (Core)
  - Rectal Cancer (Core)
  - Pancreatic Neoplasms – Exocrine (Core)
  - Intraductal Papillary Mucinous Neoplasms (Advanced)
  - Gastric Adenocarcinoma (Core)
  - Primary Hepatic Neoplasms – Benign and Malignant (Core)
  - Hyperparathyroidism (Core)
  - Thyroid Nodule/Thyroid Cancer (Core)

- Understand and demonstrate the use of TNM classification for cancer staging in pancreatic, gastric, colorectal, and hepatic neoplasms.

- Understand and demonstrate risk stratification in the clinic, ED, and inpatient setting for surgical oncology, endocrine, and general surgery patients:
  - Evaluation of Surgical Risk
  - Management of Perioperative Risk

- Demonstrate **comprehensive** knowledge of the pathophysiology, evaluation, and management of patients with common general surgical diseases and **supervise** PGY-1 and PGY-2 residents in the management of these diseases, including:
  - Abdominal Pain- Acute (Core)
  - Inguinal and Femoral Hernia (Core)
  - Umbilical and Epigastric Hernias (Core)
  - Ventral Hernia (Core)
  - Symptomatic Cholelithiasis
  - Cholecystitis (Core)
  - Small Intestinal Obstruction (Core)
  - Appendicitis (Core)
  - Morbid Obesity (Core)
• Demonstrate comprehensive knowledge and supervise PGY-1 and PGY-2 residents in routine peri-operative management and management of post-operative complications such as:
  • Pain, Acute – Management (Core)
  • Prevention and Treatment of Surgical Site Infection
  • Prophylaxis of Venous Thromboembolism
  • Nutritional Assessment/Nutritional Requirements
  • Effect of Surgery, Illness, and Injury on Nutritional Requirements
  • Paralytic Ileus (Core)
  • Acute Urinary Retention (Core)
  • Hypovolemic Shock (Core)
  • Respiratory Failure (Core)
  • Sepsis and Septic Shock (Core)

• Demonstrate advanced understanding of Minimally Invasive Surgery (MIS) Principles

• Demonstrate advanced understanding of Robotic Surgery - Principles through completion of all assigned online modules, simulator tasks, and required bedside assist cases

Rotation Skills Goals (corresponds to operation/procedures on SCORE outline)

• Perform and document a comprehensive history and physical of the surgical oncology patient and independently formulate an initial diagnostic and therapeutic plan

• Supervise surgical consultation performed by the PGY-1 and PGY-2 in the acute inpatient, ED, and ICU settings under the indirect supervision of attending

• Supervise and manage a surgical team in the comprehensive evaluation and treatment of surgical patients, including admissions, consults, patient rounds, hand-offs, and discharge planning, under the indirect supervision of attending

• Perform complex surgical oncology and endocrine operations under direct supervision of the attending physician with active help, including:
  • Open and Minimally Invasive Pancreatectomy – Distal (Core)
  • Open and Minimally Invasive Pancreaticoduodenectomy (Advanced)
  • Open and Minimally Invasive Gastrectomy- Partial/Total (Core)
  • Open and Minimally Invasive Colectomy – Partial (Core)
  • Open and Minimally Invasive Rectal Cancer – APR (Advanced)
  • Hepatic Segmentectomy/Lobectomy (Advanced)
  • Parathyroidectomy (Core)
  • Thyroidectomy – Partial or Total (Core)
• Perform operations under **direct supervision** of the attending physician with **passive help**, including:
  - Abdominal Exploration (Core)
  - Adhesiolyis (Core)
  - Small Bowel Resection (Core)
  - Laparoscopic Inguinal and Femoral Hernia – Repair (Core)
  - Laparoscopic Umbilical/Ventral Hernia – Repair (Core)

• Perform **basic** general surgery operations with **supervision only** or as **teaching assistant** PGY-1/PGY-2 residents:
  - Open Inguinal and Femoral Hernia – Repair (Core)
  - Open Umbilical/Ventral Hernia – Repair (Core)
  - Skin/Soft Tissue Lesions- Excisional and Incisional Biopsy (Core)
  - Soft Tissue Infections – Incision, Drainage, Debridement (Core)
  - Cholecystectomy with or without cholangiography (Core)

• Perform portions of **basic and complex** robotic surgery cases as console surgeon under the **direct supervision** of the attending surgeon.

• Serve as a **teaching assistant** for medical students, PGY-1, and PGY-2, for **core and advanced** general surgery diseases/conditions and **core** operation/procedures

• Demonstrate the ability to evaluate the quality and applicability of a study and assimilate scientific evidence by organizing and participating in weekly VA General Surgery journal club