

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)
 - Adhesiolysis (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