

**Colorectal Rotation**  
**Kaiser**  
**PGY 5**

**Goals:**

Kaiser will provide a learning environment for various colorectal issues. Surgical basic science including fluids and electrolytes, wound healing and nutrition will be emphasized. Residents will demonstrate an understanding of the anatomy, physiology and pathophysiology of colorectal conditions and effectively apply this understanding to the diagnosis, evaluation and treatment of patients with colorectal problems.

**Objectives:**

**Medical Knowledge:**

- Demonstrate and recognize:
  - Colon and Rectal Cancer: Epidemiology, preventive screening, signs/symptoms, work-up, staging and current treatments.
  - Diverticular Disease: Epidemiology, signs/symptoms, findings, clinical evaluation, treatment, and complications.
  - Acute Appendicitis: Etiology, presentation, work-up, treatment.
  - Inflammatory Bowel Disease/ Ulcerative Colitis: Clinical presentation, histological findings, work-up and current options including indications for and complications related to restorative proctocolectomy.
  - Crohn's Disease: Clinical presentations, work-up, histopathology, complications, and indications for operative procedures.
  - Familial Cancer Syndromes (Familial adenomatous polyposis, Gardner syndrome, Turcot syndrome, hereditary non-polyposis colorectal cancer): Genetic basis, clinical course, evaluation, current treatment options and counseling of patients.
  - Hemorrhoidal Disease: Causes, classification, complications, treatment options, and indications for operation.
  - Anal Fissures, Anal Fistulas, Perianal and Perirectal Abscesses: Pathogenesis, presentation, current treatments.
  - Pelvic Floor Disorders (fecal incontinence and rectal prolapse): Symptoms, clinical findings, evaluation, and current treatment options.
  - Large and Small Bowel Obstruction: Symptoms, causes, work-up and current treatments.
  - Premalignant Anal Conditions (Anal intraepithelial neoplasia, Bowen Disease and Anal Paget Disease): Pathogenesis, evaluation and treatment options.
  - Other Polyposis Syndromes (Peutz-Jeghers polyps, Cronkhite-Canada syndrome, juvenile polyposis): Epidemiology, clinical presentation, histology, work-up and current treatment options.
  - Ileostomy and Colostomy: Management and potential complications of.
  - Malignant Anal Disease: Diagnosis and treatment options for.
  - Hidradenitis Suppurativa: Etiology and treatment options for.
  - Pilonidal Disease: Etiology, complications, and surgical treatment.

**Patient Care:**

- Take an accurate history and perform an appropriate physical examination with attention elements unique to colorectal surgery patients.
- Initiation and appropriate evaluation of laboratory and diagnostic studies with the guidance of colorectal faculty.
- Develop and implement a management plan to care for patients with guidance of colorectal faculty.
- Proficiency in the preoperative preparation of patients for surgery and routine post-operative care.
- Counsel and educate patients and their families, perform services to treat and prevent health problems, and work with other health care professionals to achieve these goals.
- Demonstrate competency in basic procedural skills essential for caring for colorectal patients
  - Resections for benign and malignant colorectal conditions
  - Flexible sigmoidoscopy and colonoscopy
  - Surgical treatment options for inflammatory bowel disease
  - Surgical treatment options for pelvic floor disorders
- Efficient data management and record documentation.

**Practice-Based Learning:**

- Demonstrate the skills of self-education and life-long learning to actively set clear learning goals, pursue them, and apply the knowledge gained to the practice of surgery.
- Investigate and evaluate their own patient care practices and take appropriate steps to address any problems identified.
- Define the limits of his or her personal knowledge and experience and seek help and advice when needed.
- Appropriately receive and respond to constructive criticism.
- Utilize current literature resources to obtain up-to-date information in the care of colorectal patients and practice evidence-based medicine.
- Critically review scientific and surgical literature in order to evaluate new data in a meaningful way.
- Reflect on the social and community contexts of health care and effectively respond to the factors that influence patients (sociocultural, familial, psychological, legal, economic, environmental, political, and spiritual).
- Assume responsibility for addressing gaps in his/her knowledge and use information technology and simulation to support his/her learning.
- Complete the personal learning project as outlined in the PBLI curriculum

**Interpersonal and Communication Skills:**

- Listen and communicate clearly with patients, families, and health care team members using effective verbal, non-verbal, and writing skills.
- Collaborate effectively as a member of the health care delivery team.
- Develop and sustain therapeutic relationships with patients and others.
- Respect patients' right to privacy.
- Understand the special psychosocial needs of the colorectal patient
- Complete the ICS curriculum for the current quarter

**Professionalism:**

- Demonstrate caring and respectful compassion for patients, families and other members of the health care team.
- Demonstrate a commitment to the discipline of surgery, patients, and society.
- Act with honor and integrity in professional and personal life.
- Demonstrate a mature and professional approach to ethical issues commonly encountered in a county medical center.
- Model good leadership in interactions with others and demonstrate a professional attitude.
- Show sensitivity to patients' culture, age, gender, and disabilities.
- Understand issues related to consent.
- Complete the Professionalism in Surgery curriculum for the current month

**Systems-Based Practice:**

- Understand how the health care organization affects the surgical practice for their patients.
- Coordinate quality health care including discharge planning, social services, rehabilitation, and long term care.
- Understand the issues surrounding access to health care.
- Serve as a patient advocate for quality health care.
- Understand how his/her patient care practices affect other health care providers, organizations and society.
- Practice cost effective health care and resource allocation.
- Follow established practices, procedures, and policies of the Department of Surgery at Kaiser.
- Maintain complete and legible patient care related documentation and protect information as determined by HIPAA regulations.
- Complete the SBP curriculum for the current month