

Level of Training	Surgical Service / Competency	Milestone Level Assigned
PGYIV & V	COLON-RECTAL SURGERY (CRS) – MEDICAL KNOWLEDGE	
	Comprehensive knowledge of the surgical treatment of colon and rectal disease processes including the indications, contraindications, surgical options, and complications.	
	Comprehensive knowledge of complex anorectal disease processes and the possible methods of treatment.	
	Comprehensive knowledge of the diagnosis and management of the complications of surgical treatment of colon and rectal disease.	
	Comprehensive knowledge of the anatomy, pathology, and pathophysiology of the colon, rectum, and anus.	
	Clear understanding of pathophysiology, staging, surgical treatment options, and possible complications related to colon and rectal cancer.	
	Understand pathophysiology, treatment, surgical options and possible complications related to the treatment of diverticular disease.	
	Understands pathophysiology, treatment, surgical options and possible complications related to the treatment of IBD.	
PGYIV & V	COLON-RECTAL SURGERY (CRS) – PATIENT CARE	
	Increased skill in laparoscopic colon resection.	

	Proficiency in performing a proper oncologic colon/rectum resection.	
	Competency in evaluating and treating patients with hemorrhoids, anal fissures, complex fistula disease, hidradenitis, anal condyloma, and pilonidal disease.	
	Ability to perform appropriate operations for inflammatory bowel disease. (IPAA vs. TAC vs. segmental resection vs. ileocolic resection.)	
	Ability to perform colonoscopy with polypectomy.	
	Ability to perform a laparoscopic right hemicolectomy.	
	Demonstrate ability to perform a proper oncologic left colon resection.	
PGYIV & V	COLON-RECTAL SURGERY (CRS) – PRACTICE-BASED LEARNING	
	Familiarity with the literature regarding surgical management of malignancy including areas of controversy is also expected.	
	Residents must demonstrate the ability to investigate and evaluate the care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning.	
	Residents are expected to develop skills and habits to be able to meet the following goals: <ul style="list-style-type: none"> a) Identify strengths, deficiencies, and limits in one’s knowledge and expertise; b) Set learning and improvement goals; c) Identify and perform appropriate learning activities; d) Systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement; e) Incorporate formative evaluation feedback into daily practice; 	

	<ul style="list-style-type: none"> f) Locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems; g) Use information technology to optimize learning; h) Participate in the education of patients, families, students, residents and other health professionals; i) Participate in mortality and morbidity conferences that evaluate and analyze patient care outcomes; j) Utilize an evidence-based approach to patient care. 	
	Residents are expected to attend surgical oncology and breast clinics as assigned the equivalent of at least one full day a week, as well as the Multidisciplinary Solid Tumor Conference as assigned weekly.	
PGYIV & V	COLON-RECTAL SURGERY (CRS) – INTERPERSONAL AND COMMUNICATION SKILLS	
	Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals.	
	<p>Residents are expected to:</p> <ul style="list-style-type: none"> a) Communicate effectively with patients, families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds; b) Communicate effectively with physicians, and other health professionals, and health-related agencies; c) Work effectively as a member of a health care team or other professional group; d) Act in a consultative role to other physicians and health professionals; e) Maintain comprehensive, timely, and legible medical records, if applicable; f) Counsel and educate patients and families; g) Effectively document practice activities. 	
	<p>The resident is expected to:</p> <ul style="list-style-type: none"> a) Instruct medical students and junior residents about the preoperative and postoperative care of surgical patients and the principles of surgery. 	

	<ul style="list-style-type: none"> b) Demonstrate the ability to teach junior house staff basic surgical skills and assist them with introductory-level cases. c) The Chief resident must display leadership skills and the ability to run an effective multi-level service with numerous residents and medical students on the service. d) Demonstrate organization, time management and administrative skills for managing a team of residents and students. 	
PGYIV & V	COLON-RECTAL SURGERY (CRS) – PROFESSIONALISM	
	<p>Resident is expected to demonstrate:</p> <ul style="list-style-type: none"> a) Compassion, integrity, and respect for others; b) Responsiveness to patient needs that supersedes self-interest; c) Respect for patient privacy and autonomy; d) Accountability to patients, society, and the profession; e) Sensitivity and responsiveness to a diverse patient population. 	
	Demonstrate commitment to carrying out professional responsibilities and an adherence to ethical principles.	
PGYIV & V	COLON-RECTAL SURGERY (CRS) – SYSTEMS-BASED PRACTICE	
	Works effectively in various health care delivery settings and systems relevant to the clinical specialty.	
	Incorporates considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate.	
	Advocate for quality patient care and optimal patient care systems.	
	Work in interprofessional teams to enhance patients safety and improve patient care quality.	
	Demonstrate knowledge of risk-benefit analysis.	
	Demonstrate an understanding of the role of different specialists and other health care professionals in overall patient management.	