

**University of California, San Francisco,  
Department of Radiation Oncology  
Residency Training Program  
Resident Rotation Objective for PGY-2 Residents  
In Gastrointestinal  
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**Professionalism**

PGY-2 residents will:

- Demonstrate sensitivity and responsiveness to patients' culture, age, gender, sexual orientation and disabilities
- Demonstrate commitment to ethical principles regarding provisions or withholding of medical care, patient confidentiality and informed consent
- Function well as a member of a team and be respectful of co-workers and referring physicians
- Maintain comprehensive, accurate and timely medical records
- Demonstrate they are reliable in carrying out orders from the attending physician

**Practice-Based Learning and Improvement**

- Demonstrate ability to use information technology and feedback to improve their fund of knowledge and skills and contribute to patient care

**Interpersonal Skills and Communication**

- Communicate with patients and their families/caregivers in an easily understood and culturally sensitive manner including the use of professional interpreters when needed
- Maintain patient confidentiality
- Communicate with other physicians, and health care providers
- Maintain accurate and timely medical records

**Patient Care**

- Participate in planning and carrying out simulations

- Participate in drawing accurate tumor volumes and tissue constraints
- Perform initial history and physical examinations noting all pertinent findings and begin to formulate strategies for care and management
- Monitor patients under treatment with the attending
- Suggest strategies for symptom management (skin care, odynophagia, dehydration, etc)
- Alert the attending to any new problems of a patient undergoing treatment or workup in the department
- See follow-up patients with the attending when available.
- See on treatment patients with attending weekly

### **System-Based Learning**

- Understand how patient care affects other health professionals and the health care organization.
- Coordinate medical care with other health care providers involved in the patient's treatment; participate in the coordination of chemotherapy and radiation in context of team (NP, Attending, medical oncologist/ oncology NP)

### **Medical Knowledge**

- Learn the natural history and management strategy for gastrointestinal malignancies that include anal cancer, rectal cancer, gastric and esophageal cancer, liver, bile duct and pancreatic cancers. Learn the differences between treatment of different histologies at each site (squamous cell carcinoma versus adenocarcinoma versus NET).
- Actively participate in weekly gastrointestinal (GI) tumor board and, when available, the genitourinary tumor board.
- Demonstrate the ability to logically formulate treatment management decisions
- Demonstrate an understanding of normal tissue tolerance to radiation
- Demonstrate an understanding of the use of photons, electrons, 3D and

## IMRT in treatment planning

- Demonstrate an understanding of the use of SBRT and the differences between the application of more fractionated approaches.
- Demonstrate an understanding of using combined modality therapy versus radiation alone.
- Demonstrate an understanding of side effects of radiation therapy
- Participate and demonstrate an understanding of the Simulation Process