

## **PGY-3 Resident Radiation Oncology Rotation Objective**

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### **1. Professionalism**

PGY-3 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

### **2 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

### **3. 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

### **4. 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
- Alert the attending to any new problems of a patient undergoing treatment or workup in the department
- See follow-up patients with the attending

## **5. 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

## **6. Medical Knowledge**

- Learn the natural history and management strategy for pediatric extra-cranial malignancies, in particular the most common pediatric cancers that include Wilms' tumor, Ewing's sarcoma, non-Hodgkin's lymphoma, Hodgkin's lymphoma, and neuroblastoma.
- Learn the natural history and management strategy for pediatric central nervous system (CNS) malignancies, in particular the most common pediatric CNS cancers that include medulloblastoma, ependymoma, and gliomas of all grades.
- Actively participate in weekly pediatric tumor board and weekly pediatric neuro-oncology 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 side effects of radiation therapy
- Participate and demonstrate an understanding of the Simulation Process