

**Job Title: Radiation Therapist  
Reports To: Chief Therapist**

**Minimum Requirements**

**Educational/Knowledge Requirements:**

Completion of a formal radiation therapy technology program in an Irish/ EU/ or AMA-approved institution.

**Licensure/Certification:**

IIR validation/ IIR course recognition

**Levels within position:**

Junior: New graduate level

Intermediate: Generally promoted to this level at approximate two years qualified (subject to merit)

Senior: Generally promoted to this level at approximately four years qualified (subject to merit)

Clinical Specialist: This role will be second in command in the department. Candidate must be at least six years qualified. (subject to merit).

**Responsibilities**

1. Maintains an atmosphere of caring, concern and support for patients ranging in age from pediatrics to geriatrics, visitors, medical staff and co-workers on a consistent basis.
2. Delivers radiation treatment according to written prescription and treatment plan. Provides safety in patient care through the consistent practice of Departmental Procedures for treatment administration. Recognizes deviation from prescribed treatment delivery and reports all deviations to the Chief Therapist/Physicist.
3. Assures the quality of treatment delivery through the complete and accurate documentation of treatment records.
4. Assures the quality and consistency of treatment portal placement by taking and reviewing electronic portal images according to departmental procedures. Maintains the file of all electronic images for patients receiving treatment.
5. Explains treatment procedures to patient and/or family. Refers medical questions to appropriate personnel.
6. Under the direction of a radiation oncologist, takes localization radiographs according to planned treatment delivery. Assists physician or nurse in the administration of contrast agents used during treatment localization. Performs measurements for use during treatment calculation. Collects and documents data acquired during the simulation procedure. Accurately inputs treatment-related data into the verify-and-record system.
7. Assists in the orientation and supervision of students during clinical rotations. Assists the Chief Therapist in evaluation of student performance.
8. Assists as needed in all treatment-related procedures. Assists at other UPMC locations as needed.
9. Uses effective communication techniques and interpersonal skills to provide explanations for treatment-related procedures. Responds effectively to patient concerns. Observes patients for expected and unexpected reactions to treatments and communicates this to appropriate staff members. Reinforces patient education/side effect management information and indicates non-compliance to medical/nursing staff.
10. Performs and documents daily and weekly QA activity for assigned equipment. Documents findings outside the range established by Physics. Notifies Chief Therapist immediately of findings outside the normal range of operations. Participates in programs to measure and improve the quality of care within the Department. Assists and attends departmental QA functions
11. Attends multidisciplinary team meetings for coordination of patient care.

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12. Produces electronic images as scheduled. Adjusts treatment fields as indicated. Completes the daily treatment schedule. Maintains an accurate record of procedures, including billing information and codes.
13. Maintains a safe, orderly treatment room.
13. Provides on-call coverage for the treatment of patients in emergency situations.