

Position: Dosimetrist

Department: Radiation

Reports To: Director of Medical Physicist

Location: Mountain Home - Onsite

FLSA: Non-Exempt



I. GENERAL PURPOSE

- Performs treatment calculations, develop external beam and brachytherapy treatment plans, and provide effective medical dosimetry services as required by the medical physics department

II. EDUCATION / EXPERIENCE

- Bachelor's degree from an accredited college
- 2 years dosimetry experience at a recognized cancer center, preferred
- Proficient computer, calculation, problem solving and organizational skills
- Knowledge of H&N IMRT planning
- Knowledge of Trilogy concepts, stereotactic radiosurgery and IGRT
- Excellent communication and customer service skills with the ability to quickly adapt in a fast-paced environment; ability to work in a team environment and give attention to detail

III. JOB DUTIES AND RESPONSIBILITIES

- Perform treatment related calculations in an accurate and timely manner.
- Generate 2D, 3D treatment plans for external beam and brachytherapy cases based on the radiation oncologist's prescription.
- Formulate patient contours and gather necessary data for treatment planning or the construction of special positioning devices and other various treatment aids and beam modifying devices.
- Record and verify patient treatment dates and services.
- Supervise block cuttings and verify shielding blocks as needed.
- Assist in application of dosimetry methods including ion chamber, TLD, or film measurements.
- Assist in intracavitary, interstitial sealed source and HDR procedures and dose distributions.
- Maintain patient confidentiality according to HIPAA rules and regulations.
- Adhere to clinic standards, policies, and procedures. Identify cost saving opportunities.
- Attend and participate in medical physicist QM meetings as needed.
- Participate in professional development, continuing education and in-services. Maintain required licenses and certifications.
- Perform additional, related duties as assigned.

IV. PHYSICAL DEMANDS

- Walking, standing, sitting, reaching, and bending for long periods of time
- Occasionally lift 50 pounds or less