

POSITION DESCRIPTION

POSITION TITLE: MEDICAL PHYSICIST
RESPONSIBLE TO: DIRECTOR OF CLINICAL MEDICAL PHYSICS
ORGANIZATIONAL COMPONENT: DEPT OF MEDICAL PHYSICS
JOB CLASSIFICATION: FULL-TIME/EXEMPT

ESSENTIAL FUNCTION OF JOB:

- Full range of on-site clinical medical physics support at Highlands Oncology clinics, including conducting routine quality assurance and calibration of megavoltage therapy units and equipment, in-vitro or phantom measurements as identified and required by the facility or by State/Federal regulations.
- Coordinate physics and dosimetry activities to complement the efforts of the physicians in accordance with departmental and institutional policies, and works closely and in conjunction with dosimetrist and radiation oncologist during simulations and/or initial patient set ups as needed to ensure that accurate data is obtained for treatment planning.
- Sets and enforces high standards of accuracy, precision, and timeliness in all aspects of acquiring data, preparing treatment plans, secondary calculation, special medical physics consults or other related physics/dosimetrist functions for the department.

OTHER JOB RESPONSIBILITIES:

- Assist in the commissioning of new therapy and therapy related equipment acquiring necessary data and ensuring that all quality assurance tests are in compliance with Federal regulations and Highlands policies.
- Participates fully in the QA program for the department as well as the QA/RM program for the facility.
- Participates in weekly chart rounds/peer review.
- Assumes responsibility for verifying that computer data used for generating treatment plans or dose calculations are reasonably accurate and within accepted standards for the profession.
- Other duties as assigned by the Director of Clinical Medical Physics.

EDUCATION AND EXPERIENCE:

- M.S. degree in medical physics or equivalent from a CAMPEP accredited program, board certified by American Board of Radiology (ABR) or ABR board eligible.
- Specialized training in therapeutic radiation physics with at least two years experience or resident training program in medical physics.
- A working knowledge of SRS, SBRT and HDR.
- Ability to work independently

PREFERRED EXPERIENCE:

- Varian Accelerators/Clinac/Truebeam, Varian Eclipse External Beam and Nucletron Oncentra HDR Planning.
- Proficient in SRS/SBRT planning and delivery procedures.

This position has access to confidential information concerning patients and requires dependability, good judgment, and a high degree of professionalism. The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Must have the ability to utilize components of the treatment-planning computer including but not limited to the use of keyboards, and mouse controls. Must be able to stand for 8 hours; lift 40 pound block to shoulder level; have sufficient visual acuity to distinguish structures and isodose displays on computer monitor. Additionally, must be able to align treatment field and monitor patient during radiation therapy treatment.

SEPTEMBER 2022