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# Example of Medical Physicist Job Description

Our innovative and growing company is hiring for a medical physicist. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for medical physicist

* Collaborates with medical staff and operational leadership to acquire evidence-based quality assurance data and patient safety
* Ensures quality and performance improvement initiatives are aligned with collected data , regulatory standards and healthcare best practices
* Coordinates and facilitates the use of statistical process tools and process improvement methodologies for continuous improvement in patient care and outcomes
* Effectively communicates information from measurement to the physicists and Director of Medical Physics
* Performs treatment planning for special cases and acts as a resource to other staff regarding treatment plans, simulations, and special device fabrication
* Validates the accuracy of the treatment plan and provides consultation to physicians per orders
* Performs required calibrations on radiation therapy equipment
* Recommends and justifies new equipment and products for the Radiation Therapy department
* Follow the dose prescription specified by the radiation oncologist
* Perform dosage calculations in the patient's medical record and verifies the mathematical accuracy of all calculations and treatment plans within a reasonable time frame as directed by the physician

## Qualifications for medical physicist

* 1 year of experience as a Medical Physicist
* Knowledge and skills to provide care to patients with consideration of the aging process, human development stages and cultural patterns at each step of the radiotherapy process
* PhD in Medical Physics, Physics or associated field
* Board certified is required
* 5 years’ experience and a proven record of innovative peer-reviewed translational research, including manuscript writing for publications in scientific journals
* Simple motor skills such as standing, walking, and