



THE NAIROBI HOSPITAL

Career Opportunities

The Nairobi Hospital, a leading health care institution in Eastern Africa has an excellent career opportunity for an individual who possesses a passion for excellence, strong work ethic, results oriented and committed to continuous improvement. The successful candidate will be a team player with the ability to effectively add value to enabling good patient outcomes and shape best clinical and non-clinical practice in line with our Strategic Plan (2019-2024).

MEDICAL PHYSICIST

REF: TNH/HRD/MP/01/2024

Reporting to the Lead Radiotherapist, the successful candidate will be responsible for ensure the safe application of ionizing and non-ionizing radiation including equipment calibration and commissioning, clinical support, maintenance of appropriate quality assurance for equipment and treatment delivery in line with established protocols.

ROLES AND RESPONSIBILITIES

- Carry out systematic measurement, documentation, and assurance of the physical aspects of all radioactive sources or radiation producing equipment.
- Perform acceptance testing and commissioning of all treatment-related equipment under supervision including calibration of all radiation producing sources and maintenance of all information.
- Conduct computerized treatment planning and dose calculations to achieve optimal dose.
- Maintain a comprehensive quality assurance program including assurance of the accuracy of treatment unit parameters to ensure tumour localization, radiation treatment, and dose distributions as prescribed.
- Develop treatment plans including acquisition and storage of data for treatment plans, calculation of dose distributions and machine settings for treatment delivery.
- Implement and manage dosimetry as well as beam delivery aspect.
- Facilitate radiation protection of patient and other staff members within the department in compliance to KENRA/ICRP guidelines and Regulations.
- Plan, direct, conduct and participate in supporting programs to ensure effective and safe use of radiation and radionuclides in patients.
- Conduct brachytherapy planning to determine the best-possible dosage in the therapeutic area, focusing on target organs and organs at risk as directed by the radiation Oncologist.
- Provide assurance of accurate delivery of prescribed radiation doses and associated risks.
- Carry out patient education and counselling.

- Conduct quality assurance tests of radiotherapy equipment to ensure compliance with quality standards, radiation safety and security policies.
- Keep abreast of latest developments pertaining to current practices within the field
- Participate in root cause analysis committees in the event of incidences, complaints and/or poor clinical outcomes to ensure continuous improvement in patient care.
- Participate in continuous medical education to sharpen medical knowledge and skills in area of specialization.
- Assist private consultants to carry out medical procedures on private patients to ensure optimal patient care.
- Develop and continuously review protocols in applicable specialty area to enhance clinical management.
- Participate in research activities in applicable specialty area in line with set objectives.
- Uphold high levels of patient confidentiality and work ethic in line with applicable code of conduct and hospital objectives; and
- Any other responsibilities that may be assigned to the job holder by the supervisor from time to time.

EDUCATION AND EXPERIENCE

- Master's degree in Medical Physics from a recognized institution
- Bachelor's degree in Medical Physics from a recognized institution.
- Must be a registered member with the relevant registration body and hold a valid practicing license.
- Minimum of 3 years' experience as a Medical Physicist with exposure to brachytherapy treatment.

CORE COMPETENCIES

- Proficiency in VMAT/IMRT treatment planning
- Knowledge of programming language
- Proof of attending Clinical trainings
- Judgement and decision-making skills
- In-depth understanding of Radiation Dosimetry
- Patient care skills
- Attention to detail
- Customer service skills
- Planning and organizing skills
- Communication skills
- Team working skills
- Reporting skills
- Accountability
- Integrity
- Confidentiality

If your background, experience and competence match the above specifications, please send your application (cover letter & CV/Resume) quoting the job reference number, testimonials and full contact details of 3 referees, to reach the undersigned not later than **5th February, 2024**.

Only shortlisted candidates will be contacted. If you do not hear from us within two weeks post application, please consider your application unsuccessful.

Please note that The Nairobi Hospital does not charge any fees from applicants at any stage, nor has it engaged a third party to facilitate this hire.

All communications to successful candidates will be done using official contacts as listed on our website.

The Nairobi Hospital does NOT charge recruitment fees.

Head of Human Resources

The Nairobi Hospital

P. O. Box 30026 - 00100

NAIROBI

Email: recruitment@nbihosp.org