

LYDIAJEPKOSGEI

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Career objective

To utilize my skills, experience and enthusiasm to contribute positively to an organization's success while expanding my knowledge and capabilities. Seeking a dynamic and challenging role where I can make meaningful contributions, collaborate with diverse teams and pursue opportunities for professional growth and development.

Professional profile

- Good leadership, self- motivated, good communication and interpersonal skills with the ability to work effectively in a team environment.

Work experience

May 2023-september 2023: Attachment at Kenyatta National Hospital

Responsibilities

- Personnel Dosimetry
- Technical radiation safety evaluation
- Radiation Protection program audits
- Calculation of reference dose and treatment time for radiotherapy treatments
- Quality assurance and Control tests on radiotherapy machines
- Carrying out simulation procedures using conventional simulator machine and CT scan
- Manual treatment planning for chest wall and drawing contours for dose distribution
- Brachytherapy treatment planning
- Brachytherapy treatment delivery
- Carrying out radiation safety assessment in wards with 1-131 patients
- Quality control checks on the after loader before treatment with Brachytherapy machine
- Scheduling treatment plans for patients due to start treatment

Education Background

2024-Date: The Technical University of Kenya

Master of Science in Medical Physics

2019-2023: Multimedia University of Kenya -Bachelor of Science in applied optics and lasers

2015-2018: AIC Kessup girls' high school -Kenya Certificate of Secondary Education

Trainings and Seminars

17th September – Precision with protection; Radiotherapy for safer Tomorrow

14th-16th January- Presentation Skills and research Data Management

6thMay 2024-17th May 2024: East African Summer School on Optics and Lasers

18thJuly 2023-1stNovember 2023: Brachytherapy for prostate and cervical cancer digital course

3rdJune2023-9thSeptember2023: ELEKTA IMRT RTT training course

3rd January2023-19th march 2023: Visualizing the Living Body: Diagnostic Imaging online courser course at Yale University

14th November 2022-19th November 2022: Mental Health Training at Multimedia University of Kenya

Certifications

Precision with protection; Radiotherapy for safer Tomorrow

Presentation Skills and research Data Management

East African Summer School on Optics and Lasers

Multimedia University of Kenya certificate of being class representative

IMRT for Radiation Therapists

Visualizing the Living Body: Diagnostic imaging

Leadership

- **10th September 2019-27th October 2023:** Class representative at Multimedia University of Kenya
- **2017-2018:**Soccer captain at AIC Kessup girls high school

Referees

Available upon request