

# Fungai J. Muganhu

Harare, Harare, Zimbabwe

fmuganhu@gmail.com

0717822486

[linkedin.com/in/rdf-j-muganhu](https://www.linkedin.com/in/rdf-j-muganhu)

## Summary

A fervent researcher, and enthused practitioner, who's professional objectives are to attain substantial levels of competence, and explore ways to innovative patient care and imaging practice.

## Experience

### Diagnostic Radiographer

Parirenyatwa Group of Hospitals

Nov 2021 - Present (2 years 2 months)

Duties and responsibilities

- \* Use x-rays, ultrasound and other modalities to examine patients ensuring the production of high quality images that enable accurate diagnoses within site protocols.
- \* Attend to a diverse caseload in the department, on the ward and in theatre.
- \* Collaborate with interdisciplinary personnel, for more effective case, management.
- \* Identify patient specific health needs by undertaking relevant radiographic clinical subjective and objective assessments.
- \* Actively participate in departmental audits.
- \* Liaising with service engineers to facilitate maintenance and repair of equipment.
- \* Utilising site RIS systems effectively so that all data is recorded in an accurate and timely manner.
- \* Maintaining an adherence to relevant legislation and stipulated standards in order to maintain a safe environment for patients, visitors and staff.
- \* Scoping data resources in order to develop improved policies and procedures.
- \* Supervising of junior colleagues and .
- \* Capturing and keep accurate patient information records.
- \* Assisting with incident and complaint management.
- \* Participating in departmental meetings and audits

### Radiographer

Sunningdale Medical Center

Aug 2021 - Oct 2021 (3 months)

Duties and responsibilities:

- \* Delivering high quality radiographic imaging at appropriate low doses for accurate diagnoses within site protocols.
- \* Ordering, stocking and budgeting departmental resources appropriately.
- \* Handled Big Data from several resources in order to develop improved policies and procedures.
- \* Assessed patients, to adapt radiographic technique according to the needs of the patient.
- \* Worked autonomously, out of hours, making effective clinical decisions.
- \* Ensured compliance with all regulatory requirements and adherence to the prescribed Standard Operating Procedures.

- \* Observed health or safety practices and standards by handling welfare, ionizing radiation infection prevention concerns to protect all stakeholders.
- \* Maintained electronic and physical orderlies, logs or records, ensuring that utilization and requests are correlating with the documented equipment.
- \* Ensured continued knowledge transfer, deployment and succession planning of staff within the department.
- \* Wrote reports and general business correspondences pertaining to periodic departmental performance giving continual feedback.

## **Dental Assistant**

### **Goodhope Dental Surgery**

Aug 2013 - 2021 (8 years)

Duties and responsibilities:

- \*Providing extensive clinical support to the dentist and dental nurses in care of patients
- \*Maintaining an extensive database on records of patient history, personal details and procedures administered on each visit.
- \*Providing personal care advice concerning infection prevention and control, personal hygiene, and lifestyle adjustments to improve the dental health of patients.
- \*Assessing patient medical aid packages to determine procedures that were covered.
- \*Following up via telephone or email on patient appointments, lab results, radiographs, or treatments.
- \*Assisting with clerical work, filing, basic bookkeeping, handling paperwork and submission of insurance claim forms.
- \*Restocking of office and medical supplies as well as managing inventory.
- \*Assisting in several research projects conducted by the dentist.

## **Education**



### **University of Zimbabwe**

#### **Bachelor of Science Honors , Radiography (Diagnostic)**

Aug 2012 - Aug 2020

Diagnostic radiographers produce high quality images to aid in the diagnosis and monitoring of injury, illness and disease. They employ a range of equipment across a variety of healthcare settings, including:

Projection radiography (X-ray) in outpatients, inpatients and the Emergency Department (ED)  
 Dental radiography  
 Mobile radiography  
 Computed Tomography (CT)  
 Fluoroscopy, which includes imaging during interventional procedures and in the operating theatre  
 Magnetic Resonance Imaging (MRI)  
 Ultrasound  
 Mammography (breast imaging)  
 Nuclear Medicine  
 Dual Energy X-ray Absorptiometry (DXA)

## Licenses & Certifications



**Visualising the living body: Diagnostic imaging** - Coursera



**Basic Life Support (BLS)** - Alison

2971-5311882



**Applications of Radiography** - Alison

4760-5311882



**Diploma in Health Studies** - Alison

1240-5311882



**Introduction to Healthcare** - Coursera

KEKV4JADACTW



**MRI FUNDAMENTALS** - Coursera

QGGQQGRG2H4PDn



**Introduction to Artificial Intelligence** - Coursera

36HKVN346DNA



**What is Data Science?** - Coursera Course Certificates

BBWZXN4MLCT5



**Data Science Methodology** - Coursera-elearning



**Word Essential Training (Microsoft 365)** - LinkedIn



**Principles of fMRI1** - The Johns Hopkins University | Coursera

X5NLL38L9KC2



**Radiation protection in fluoroscopy guided interventional procedures** -

International Atomic Energy Agency (IAEA)



**Introduction to the Picture Archiving and Communication System** - ISRRT

GGw0WBhVuW



**Clinical Audit in Medical Imaging** - ISRRT

QGGQsJG83u2



## **Radiation Protection Course - ISRRT**

LYDZgo8ZHI



## **Fundamental Neuroscience for Neuroimaging - Coursera**



## **Principles of fMRI2 - The Johns Hopkins University | Coursera**



## **Anatomy of the Chest Neck Abdomen and PPelvis - Yale university | Coursera**



## **Biomedical Visualisations - Coursera**



## **Introduction to Advanced Tomography - Duke University | Coursera**



## **MRI FUNDAMENTALS - Coursera**



## **Fundamentals of Machine Learning for Healthcare - Coursera**



## **Introduction to Clinical Data - Coursera**



## **Life Health and Radiation - Coursera Course Certificates**



## **Python for Data Science AI and Development - Coursera Course Certificates**



## **Tools for Data Science V2 - Coursera**

58GGBJMCZW2

## **Skills**

Human Anatomy • Radiation protection • Digital Radiography • Medical Ultrasound • MRI • Clinical Research • Data Science • Computed Tomography • Picture Archiving and Communication System (PACS) • Artificial Intelligence (AI)