LAKE, SMIT PARTNERS Inc.
www.lakesmit.co.za
SPECIALISTS IN DIAGNOSTIC RADIOLOGY

VACANCY: NUCLEAR MEDICINE RADIOGRAPHER

Purpose: To be responsible for the day- to- day running of Nuclear Medicine department – procedures; equipment needs, workflow and all radiation safety issues with regard to the handling of radioisotopes and patient care.

Task and Responsibilities:

- Understand and provide appropriate authorization coding and fee structure for relevant isotope studies performed.
- To understand normal anatomy with the ability to recognize abnormalities and irregularities and indicate these to the radiologist.
- Routinely perform daily QA tests and maintain quality control records under guidance from supervisors.
- Understand the transfer process through PACS and RIS to ensure a smooth workflow.
- Be able to trouble shoot, understand and identify malfunctions in equipment and image quality.
- Safely operate all related nuclear medicine equipment.
- Calculate, measure and record radiation dosage and radiopharmaceuticals received, used and disposed of.
- Detect and map radiopharmaceuticals injected into a patient using a Gamma camera to compute images.
- Explain safety precautions to patients and provide them with assistance during the examination.
- Administer radiopharmaceuticals for the detection of diseases under the direction of a Nuclear Medicine physician.
- Produce computer generated images of excellent diagnostic quality.
- Dispose of radioactive materials and store radiopharmaceuticals by using the radiation procedure safety protocol.
- Accurately record and process the results of a nuclear medicine procedure.
- Prepare stock radiopharmaceuticals observing the safety standards and minimizing radiation exposure to staff and patients.
- Maintain in good order and caliber radioisotope and laboratory equipment.
- Gather medical, clinical and diagnostic imaging history on the patients to assist in the accurate choice of diagnostic radioisotope procedure.
- Train and supervise students and colleagues to understand the Nuclear Medicine environment.
- Position patients correctly to achieve the optimal imaging procedure.
- Participate in mandatory training and actively pursue Continuous Professional Development with an up-to-date record.
- Ensure that the x-ray rooms and surrounds are kept neat and clean at all times and record any unsafe conditions within the department to your HOD.
- Be guided by the appropriate policies and procedures to ensure an orderly and timeous workflow process.
- Share knowledge and work cohesively within a team.
- Be on a rotational roster for daily shifts / venues and after-hours duties.
- Work a 40-hour week and be willing to stay after duty to assist colleagues and in cases of emergency situations.

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Core Competencies:	**Experience and Qualifications:**
• To demonstrate a high level of competency and understanding in a range of Nmed procedures. • Excellent training skills and ability to train staff at any level. • Good verbal and written communication. • Excellent time management arrives on time and willing to stay late to assist with workload and emergencies. • Good interpersonal skills to work with individuals and as a team. • High regard for safety of patients and colleagues during the injecting and handling of radiopharmaceuticals.	• Qualified Nuclear Medicine Radiographer Nat Dip/BTech/BSc Nuclear Medicine • Nat Dip/Btech Diagnostic Radiographer advantageous. • Registered with HPCSA. • CPD compliant. • Experience with PETCT and Spect would be advantageous.
Internal Interactions • Patient and Physicist. • All venues and departments. • Hospital staff. • Patients.	**External Interactions** • Affiliated hospitals and organizations. • Referring clinicians. • Radiation Control Board / Drug Council. • Vendors and technicians.

Employment Equity:

In line with our Employment Equity plan, preference will be given to suitably qualified candidates from designated groups.

Closing date:

Interested candidates who meet the requirements, please forward a comprehensive CV to recruitment@lakesmit.co.za by close of business on 17 November 2026.

Please note that if you Do Not hear from us two weeks after the closing date, kindly consider your application unsuccessful.