Imogen Delacroix-Mbatha

Nuclear Medicine Technologist, PET/CT and Cardiac Imaging

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SUMMARY

Nuclear medicine technologist (CNMT, ARRT(N)(CT)) with 7 years in a 500-bed teaching hospital and an outpatient PET centre. Performs 12 to 16 studies a day across PET/CT, SPECT/CT and cardiac stress imaging, kept dose administration errors at zero across 18,000 patients, and cut PET repeat scans from 4% to 1.5%.

EXPERIENCE

Lead Nuclear Medicine Technologist — Allegheny Riverside Hospital

Pittsburgh, PA · May 2021 – Present

- Perform 12 to 16 PET/CT, SPECT/CT, bone, renal and hepatobiliary studies a day on 3 cameras for inpatients and outpatients.
- Prepare and assay unit and kit radiopharmaceuticals, with zero dose administration errors across about 18,000 patients.
- Cut PET/CT repeat scans from 4% to 1.5% by standardising patient preparation calls and blood glucose checks the day before.
- Run daily and quarterly quality control on 3 gamma cameras and 1 PET/CT, catching 2 detector faults before they affected patient studies.
- Trained 9 student technologists from a local program in dose handling, positioning and camera quality control.

Nuclear Medicine Technologist — Three Rivers Cardiology Associates

Wexford, PA · Aug 2018 – Apr 2021

- Performed about 10 myocardial perfusion studies a day with treadmill and pharmacologic stress under cardiologist supervision.
- Reduced the average patient visit for one-day rest-stress studies from 4.5 to 3.5 hours by reorganising injection and camera schedules.
- Kept personal whole-body dosimeter readings below 20% of the annual limit for 3 years by applying shielding and distance practices.

SKILLS

Imaging: PET/CT, SPECT/CT, myocardial perfusion, bone, renal, hepatobiliary, thyroid and lung scans

Radiopharmacy: Dose calculation and assay, kit preparation, generator elution, dose calibrator quality control

Safety and quality: ALARA, NRC and state regulations, spill response, camera QC, contamination surveys

Patient care: IV access, stress testing support, patient preparation and education, EHR documentation

CERTIFICATIONS

CNMT, Nuclear Medicine Technology Certification Board

ARRT(N)(CT)

BLS and ACLS

EDUCATION

B.S. Nuclear Medicine Technology, University of Pittsburgh, 2018

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