

JOB DESCRIPTION

1. General Information

JOB TITLE:	Nuclear Medicine Technologist / Radiographer
GRADE:	Band 6
DEPARTMENT:	Nuclear Medicine
HOURS:	37.5
RESPONSIBLE TO:	Principal Site Technologist
ACCOUNTABLE TO:	Chief Technologist/ Workforce & Professional Development Lead

Guy's & St Thomas NHS Foundation Trust

Guy's and St Thomas' NHS Foundation Trust comprises five of the UK's best known hospitals – Guy's, St Thomas', Evelina London Children's Hospital, Royal Brompton and Harefield – as well as community services in Lambeth and Southwark, all with a long history of high quality care, clinical excellence, research and innovation. We are among the UK's busiest, most successful foundation trusts. We provide specialist care for patients including heart and lung, cancer and renal services as well as a full range of local hospital and community services for people in Lambeth and Southwark. We have a long tradition of clinical and scientific achievement and – as part of King's Health Partners – we are one of England's eight academic health sciences centres, bringing together world-class clinical services, teaching and research. We have one of the National Institute for Health Research's biomedical research centres, established with King's College London in 2007, as well as dedicated clinical research facilities. We have around 22,700 staff, making us one of the largest NHS Trusts in the country and one of the biggest employers locally. We aim to reflect the diversity of the communities we serve and continue to develop new and existing partnerships with local people, patients, neighbouring NHS organisations, local authorities and charitable bodies and GPs. We strive to recruit and retain the best staff as the dedication and skills of our employees lie at the heart of our organisation and ensure that our services are of the highest quality, safe and focused on our patients.

Department Information

The Nuclear Medicine Service has revenue streams of ~£6.5M and an establishment of around 55 WTE. It is one of the largest nuclear medicine services in the country. The service operates out of both Guy's and St Thomas' hospitals, providing diagnostic nuclear medicine imaging, osteoporosis screening and a comprehensive range of nuclear medicine therapies. The department currently has 6 gamma cameras, including 3 SPECT/CTs, as well as a DEXA department at Guy's, with 2 scanners, and an additional scanner at St. Thomas' for paediatrics. The service is supported by its own Radiopharmacy and has an international reputation in teaching, publication, research and development.

Organisational Values:

Our values help us to define and develop our culture, what we do and how we do it. It is important that you understand and reflect these values throughout your employment with the Trust.

The post holder will:

- ☐ Put patients first
- ☐ Take pride in what they do
- ☐ Respect others
- ☐ Strive to be the best
- ☐ Act with integrity

Our values and behaviours framework describes the responsibilities that we all have to put these values into action.

2. Job Summary

The Nuclear Medicine Technologist post is required to provide the highest quality clinical care whilst performing routine Nuclear Medicine procedures and investigations.

As part of the position, the post holder will be involved in performing a wide range of diagnostic procedures on patients of all ages, who are suffering from a wide range of illnesses including life threatening conditions and terminal illnesses, requiring empathy and skills to help patients through difficult and complex procedures. You will undertake standard Nuclear Medicine investigations according to technical protocols described in the standard operating procedures, using highly specialised equipment with a value in excess of half a million pounds per unit.

The post holder will be required to perform all investigations according to technical protocols described in the standard operating procedures using highly specialised equipment with a value in excess of half a million pounds per unit with some scope to adapt techniques to difficult circumstances in cooperation with the senior team members.

The post holder will be required to participate in the routine quality assurance programme within the department and ensure a safe working environment in accordance with local rules for radiation protection and Health and Safety.

3. Key Relationships

The post holder will work as part of the Multi-disciplinary team and will be responsible to the Site Principal Technologist and accountable to the Chief Technologist.

The position will be required to work with a number of other staff including Nuclear Medicine Technologists/Radiographers, Nursing Staff, Clinical Scientists, Physicists, Radiopharmacists, Radiopharmacy Technicians, Consultants and Junior Medical Staff, Management staff, and Administrative and Clerical Staff.

4. Duties and Responsibilities

Clinical Responsibilities:

1. Perform routine Nuclear Medicine procedures without direct supervision, in a timely and accurate manner with due regard to the Health and Safety of self, staff and patients. To be able to operate most hardware and software used in the department.
2. To take responsibility for patient consent, identification and relevant clinical history taking prior to commencement of imaging in accordance with Trust and professional legislation
3. Ensure that all standard operating procedures, protocols and guidelines are adhered to.
4. To act as an operator under IR(ME)R 2000.
5. To undertake both routine administration of diagnostic radiopharmaceuticals and phlebotomy and laboratory skills.
6. Provide clear instructions and descriptions of all procedures to staff, patients and relatives as necessary.
7. To assist in preparation of cardiac stress testing.
8. To provide clinical information to the patient whilst interpreting, negotiating and adapting the procedure as appropriate.
9. Optimally use all supporting and immobilisation devices on patients to achieve diagnostically accurate studies.
10. To ensure that all images are of the highest diagnostic quality possible and that they are presented for reporting in timely and accurate manner.
11. To undertake the preparation of and production of all radiopharmaceuticals.
12. Assist in Quality Assurance of all relevant equipment.
13. To participate in waste monitoring and storage.

Professional Responsibilities:

1. To work in accordance with all legislation and departmental policies during exposure to sealed and unsealed radioactive material, blood samples and other hazardous waste.
2. To attend appropriate professional meetings as required.
3. To understand and apply all relevant legislation when performing Nuclear Medicine investigations.
4. Ensure personal responsibility is taken for reporting potential and actual adverse incidents to appropriate personnel.

Education & Professional Development:

1. Take responsibility for continuing professional development whilst liaising with the Clinical Tutor and Chief Technologist for advice, guidance and allocation of appropriate resources for training and development.
2. To undertake post graduate training as and when appropriate.
3. To assist students undertaking the clinical competency program and to assist in the training and supervision of other students in the department.
4. Participation, under supervision, in Research and Development studies being carried out in the department.

Management:

1. To take responsibility for individual workload in liaison with all Nuclear Medicine staff in order to facilitate all aspects of the patient's investigation and equipment usage.
2. To ensure that there are no outstanding bookings on a daily basis.
3. To participate in routine enquiries, ensuring the delivery of an effective and responsive Nuclear Medicine service.

4. To perform, under guidance and cooperation with Senior Technologists, the appraisal of more junior members of the Technologist team.

Information Management:

1. To read and respond to all electronic mail and other documentation in a timely and appropriate manner.
2. To complete and maintain all department records, both electronic and hardcopy, in a timely and accurate manner.
3. To maintain an up to date record of Continuing Professional Education for Departmental and HCPC/RCT registration purposes.

General:

1. To establish, build and maintain good relationships with clinical and non-clinical staff, both internal and external, as part of performing the role.
2. Ensure that patients and users of the service are dealt with efficiently and courteously.

The post holder is required to follow Trust policies and procedures which are regularly updated including:

Confidentiality / Data Protection / Freedom of Information

Post holders must maintain the confidentiality of information about patients, staff and other health service business in accordance with the Data Protection Act of 2018. Post holders must not, without prior permission, disclose any information regarding patients or staff. If any member of staff has communicated any such information to an unauthorised person those staff will be liable to dismissal. Moreover, the Data Protection Act 2018 also renders an individual liable for prosecution in the event of unauthorised disclosure of information.

Following the Freedom of Information Act (FOI) 2005, post holders must apply the Trust's FOI procedure if they receive a written request for information.

Information Governance

All staff must comply with information governance requirements. These includes statutory responsibilities (such as compliance with the Data Protection Act), following national guidance (such as the NHS Confidentiality Code of Practice) and compliance with local policies and procedures (such as the Trust's Confidentiality policy). Staff are responsible for any personal information (belonging to staff or patients) that they access and must ensure it is stored, processed and forwarded in a secure and appropriate manner.

Equal Opportunities

Post holders must at all times fulfil their responsibilities with regard to the Trust's Equal Opportunities Policy and equality laws.

Health and Safety

All post holders have a responsibility, under the Health and Safety at Work Act (1974) and subsequently published regulations, to ensure that the Trust's health and safety policies and procedures are complied with to maintain a safe working environment for patients, visitors and employees.

Infection Control

All post holders have a personal obligation to act to reduce healthcare-associated infections (HCAIs). They must attend mandatory training in Infection Control and be compliant with all measures required by the Trust to reduce HCAIs. **All post holders**

must comply with Trust infection screening and immunisation policies as well as be familiar with the Trust's Infection Control Policies, including those that apply to their duties, such as Hand Decontamination Policy, Personal Protective Equipment Policy, safe procedures for using aseptic techniques and safe disposal of sharps.

Risk Management

All post holders have a responsibility to report risks such as clinical and non-clinical accidents or incidents promptly. They are expected to be familiar with the Trust's use of risk assessments to predict and control risk, as well as the incident reporting system for learning from mistakes and near misses in order to improve services. Post holders must also attend training identified by their manager, or stated by the Trust to be mandatory.

Safeguarding children and vulnerable adults

Post holders have a general responsibility for safeguarding children and vulnerable adults in the course of their daily duties and for ensuring that they are aware of the specific duties relating to their role.

Sustainability

It is the responsibility of all staff to minimise the Trust's environmental impact by recycling wherever possible, switching off lights, computers monitors and equipment when not in use, minimising water usage and reporting faults promptly.

Smoking Policy

It is the Trust's policy to promote health. Smoking, therefore, is actively discouraged. It is illegal within Trust buildings and vehicles.

Review of this Job Description

This job description is intended as an outline of the general areas of activity and will be amended in the light of the changing needs of the organisation. To be reviewed in conjunction with the post holder.

PERSON SPECIFICATION

NUCLEAR MEDICINE TECHNOLOGIST / RADIOGRAPHER

DEPARTMENT OF NUCLEAR MEDICINE

Requirements

	ESSENTIAL	A/I/T *	DESIRABLE	A/I/T *
Qualifications / Education	<ul style="list-style-type: none"> • BSc (Hons) Radiography/Nuclear Medicine or equivalent. • Cannulation/IV Administration qualification. 	A	<ul style="list-style-type: none"> • PgD/MSc Nuclear Medicine, or equivalent experience. • BLS/ILS qualification. 	A
Professional/ Statutory Registration	<ul style="list-style-type: none"> • HCPC Registration as a Radiographer • Registration with an appropriate PSA accredited register (eg, RCT, AHCS) as a Clinical Technologist (Nuclear Medicine) 	A		
Previous experience	<ul style="list-style-type: none"> • Post qualification experience in an acute hospital environment. • Proven experience in a wide range of Nuclear Medicine investigations. • Competent in routine data acquisition and analysis. • Ability to work in a multi disciplinary team. 	A & I	<ul style="list-style-type: none"> • Significant experience in a healthcare environment. • Experience in supervision and training of students. 	A & I

Skills/ Knowledge/ Ability	<ul style="list-style-type: none"> • Adept at putting theory into practice. • Competent to follow department procedures and policies unsupervised whilst understanding the need for Senior Managers' intervention and support. • Ability to agree and deliver departmental and Trust objectives. • Take responsibility for Continuing Professional Development in conjunction with planned training and development, appraisals and relevant professional meetings and courses. • Demonstrate a duty of care to patients and staff. • Understanding of the need to adhere to relevant legislation, national standards, professional and other guidelines including IRR, IR(M)ER, ISO 9001:2000, MARS (ARSAC) EA guidelines and registration, MHRA. 	A & I		
Physical Requirements	<ul style="list-style-type: none"> • Physical strength and manual dexterity in order to lift and physically direct all types of equipment and medium/heavy weights. • Able to immobilise paediatric/non compliant patients during injection and for the duration of the imaging procedure. 	I		

Additional requirements	<ul style="list-style-type: none"> • Being able to concentrate when subject to frequent interruptions and occasional disconcerting events. • Able to deal with distressing/difficult circumstances. • Good interpersonal skills demonstrating an ability to work with patients and staff from diverse backgrounds. • Capable of extracting/ imparting sensitive information. 	I		
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A=Application
I=Interview
T=Test/assessment centre

DSB 02/08/23