

DIAGNOSTIC RADIOGRAPHER

Candidate Pack



Job Summary

This summary has been generated using AI to provide a clear and accessible overview of the role. It is intended to support candidates who may find the full job description harder to read. Our goal is to make the application process more accessible and inclusive for everyone

- This job involves taking X-ray pictures to help doctors understand what's wrong with a patient.
- You'll work with patients to make sure they are safe and comfortable during their X-ray.
- You'll follow rules to keep everyone safe from radiation and protect patient privacy.
- You'll use computers and special equipment to take and store X-ray images.
- You'll work with other hospital staff and sometimes help train students.
- You may work different shifts, including evenings and weekends, and sometimes on your own.

Job Description

Job title:	Diagnostic Radiographer
Grade:	5
Site:	The Royal Shrewsbury Hospital
Accountable to:	Lead Superintendent Radiographer
DBS required:	Yes

Job Overview

- To undertake X-ray examinations as an operator in accordance with IR(ME)R 2017, under indirect supervision of more senior member of staff.
- To justify medical exposures using the Department's IR(ME)R Examination Protocols to ensure a safe effective x-ray service to all patients.
- To produce a good quality diagnostic image whilst keeping the radiation dose as low as is reasonably practicable.
- To assess and treat a workload of patients whilst maintaining a high standard of care to all patients and staff.
- To comply with Trust, Departmental, health and safety and Data protection policies.
- To maintain at all times patients' privacy and confidentiality.

Scope and Range

- To carry out x-ray examinations to the required standard
- To carry out x-ray examinations with supervision, (direct or indirect)
- To be responsible for radiation protection of patients/carers/other staff during X-ray procedures.
- Involved in clinical instruction and training of students after a 3 month induction period.
- May take control of an X-ray room in the absence of a senior radiographer.
- To ensure the examination room is correctly prepared.

Main Duties and Responsibilities

- To accept responsibility for the patient in their care during the radiographic procedure.
- To comply with the Trusts policies
- To undertake X-ray examinations as an operator in accordance with the IR(ME)R 2017.
- To authorise under protocol medical exposures using the Department's IR(ME)R Authorisation Protocols.
- Where examinations fall outside of authorisation protocols, to ensure justification by an IRMER Practitioner.
- To be aware of and practice all radiation protection procedures in line with IRMER 17 and IRR 17.
- To assess and treat a workload of patients whilst maintaining a high standard of radiography and care of the patients.
- To assist with audit projects as required.
- To maintain CPD, attend Statutory and Mandatory training on an annual basis and maintain competence for the post.
- To maintain associated records including paper and IT records to comply with IR(ME)R regulations and the Trust and Departmental policies and procedures
- To ensure all equipment is used correctly and any faults or concerns are reported to the senior staff and to record all faults in the room Log Book.
- To liaise with a wide range of staff caring for the patient: including medical staff, ward staff and staff from this and of other Departments
- To participate in the Department's out of hours service and shift system often working single-handed (after completion of the Department induction period).
- To disposal of any clinical sharps and clinical waste to the appropriate area.
- To supervise student radiographers (following completion of the Department induction period.)

Systems and Equipment

The Band 5 Radiographer will be required to use the following equipment:

- Static x-ray rooms
- Mobile x-ray units and image intensifiers
- PACS (Picture Archiving Communication System)
- Computerised radiology information system

- Computerised hospital patient information system
- Review (results reporting system).
- Beds, trolleys and wheelchairs
- Patient handling/moving equipment (manual and motorised)
- Oxygen cylinders

Also:

To know:

- The site and position of the patient resuscitation equipment (adult and paediatric)
- All equipment that may come attached to a patient from the ward, eg, IV infusion pumps, Catheter bags etc
- To know the Trust procedures for medical emergencies

Decisions, Judgements and Freedom to Act

A Band 5 Radiographer is required to:

- Prioritise their workload
- Care for patients, carers, visitors, and relatives during their visit to the Department
- To justify requests for radiographic examinations using the Department's IR(ME)R Examination Protocols
- Bring any queries about requests not suitable for justification to senior staff
- To professionally judge the quality of the radiographic image and assess if it provides the relevant information

Communication and Relationships

Will be required to liaise with:

- Consultants and medical staff in all specialities in the Trust
- All Radiology Departmental staff e.g. Radiologists, Senior Radiographic staff, students, nurses, assistants, helpers, clerical staff and porters
- Liaise with other Departments/Wards regarding the examination and aftercare the patient will have when visiting the Department
- Patients and their relatives
- Visitors

Will be required to:

- Confirm with the patient (or carer if patient not capable) their identity, clinical problem and any previous attendance to radiology
- Check pregnancy status of female patients.
- Gain patients consent for the examination (or carer if patient not capable).

- Give information about and instruction during the examination.
- Ensure the patient receives advice about the 'Aftercare' they must adhere to and how and when they will receive their report.
- Explain to relatives/parents/carers what is about to happen and how they can help

To discuss and communicate with other staff in the department:

- Equipment problems
- Protocols.
- Necessary patient history to colleagues, keeping in mind confidentiality

Physical, Mental and Emotional demands of the post

Mental demands:

- To deal with a demanding and often unpredictable workload.
- Frequent interruptions to answer queries.
- To work quickly and skilfully to produce the best image with the least radiation dose, whilst maintaining a high standard of patient care.
- To prioritise workload, particularly challenging during "out of hours" shifts
- Verbal and direct physical contact with all patients
- To maintain confidentiality.
- Concentration is needed for the positioning of patients, exposure factors, viewing of images, and associated administrative duties
- In some areas concentration has to be of a very high standard for sustained amounts of time, particularly when undergoing training. e.g. CT
- Bleep interrupts your concentration during out of hours

Physical demands:

- Accuracy and dexterity are needed to position patients and give intravenous injections.
- Wearing a lead apron for prolonged periods of time.
- Frequent positioning and manoeuvring of all patients.
- Frequent moving and positioning of heavy X-ray equipment with every patient. (X-ray machine)
- Frequent pushing of trolleys, beds and wheelchairs (50% of all patients)
- Working in cramped conditions when X-raying patients on the wards.

Emotional demands:

- Empathy for both patients and relatives.
- Frequent distressing situations, working with the terminally ill, and road accident victims.
- Dealing with difficult and distressed patients and their emotional feelings
- Dealing with children and patients with learning difficulties.
- Producing images of diagnostic quality on difficult patients who are both physically and emotionally traumatised.

- Child abuse victims

Working conditions:

- Working in an environment that is potentially hazardous if correct working practice is not adhered to: ionising radiation
- Have to deal with all bodily fluids and odours daily.
- Processing chemicals, which have an obnoxious smell and are potentially harmful if the correct protocols for handling are not carried out.
- Verbal and physical aggression occasionally.
- Regular contact with: angry, difficult, drunk and upset patients.
- Have to be aware of and deal with infectious diseases.

The prevention and management of acquired infection is a key priority for the Trust. The post holder is required to ensure, as an employee, that his/her work methods are compliant with the Trust's agreed policies and procedures and do not endanger other people or themselves:

1. All staff must be aware of infection prevention and control policies, practices and guidelines appropriate for their duties and must follow these at all times to maintain a safe environment for patients, visitors and staff;
2. All staff must maintain an up to date knowledge of infection prevention and control, policies, practices and procedures through attendance at annual mandatory updates and ongoing continuing professional development;
3. Any breach of infection control policies is a serious matter which may result in disciplinary action;
4. All staff have a responsibility to challenge poor infection prevention and control practices of others and to report any breaches, using appropriate Trust mechanisms (e.g. incident reporting policy).

Person Specification

	Essential	Desirable
Qualifications	<ul style="list-style-type: none"> • Diploma/BSc in Diagnostic Radiography • Current HCPC registration 	
Experience and knowledge	<ul style="list-style-type: none"> • Experience working in general radiography during training or in a previous position • Experience or training in an NHS Hospital • Experience in out of hours working during training • Training in CT head scanning • IR(ME)R 2017 • IRR17 Regulations • COSHH 	<ul style="list-style-type: none"> • IV Cannulation
Skills	<ul style="list-style-type: none"> • Good communication skills • Able to participate in clinical work in most areas of the dept. • Able to assess how to communicate with people with difficulties 	

	<ul style="list-style-type: none"> • Capable of using PACS and the Radiology Information System • Be involved with clinical instruction (after induction) • Able to prioritise workload • Computer literate 	
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General conditions

As they undertake their duties, all our people are required to uphold and demonstrate the Trust's core values of: Partnering, Ambitious, Caring and Trusted. Collaboration and partnership are also central to our approach in delivering our fundamental activities of patient care, teaching, and research.

Health and safety

As an employee of the Trust, you have a responsibility to:

- take reasonable care of your own Health and Safety and that of any other person who may be affected by your acts or omissions at work; and
- co-operate with the Trust in ensuring that statutory regulations, codes of practice, local policies and departmental health and safety rules are adhered to; and
- not intentionally or recklessly interfere with or misuse anything provided in the interests of health and safety

Infection prevention and control (IPC)

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- ensure that your work methods are compliant with the Trust's agreed policies and procedures and do not endanger other people or yourself; and
- be aware of infection prevention and control policies, practices, and guidelines appropriate for your duties and you must follow these at all times to maintain a safe environment for patients, visitors and colleagues; and

- maintain an up-to-date knowledge of infection prevention and control, policies, practices, and procedures through attendance at annual mandatory updates and ongoing continuing professional development; and
- challenge poor infection prevention and control practices of others and to report any breaches, using appropriate Trust mechanisms (e.g. incident reporting policy)

Information governance

The Trust is committed to compliance with Information Governance standards to ensure that all information is handled legally, securely, efficiently, and effectively. You are required to comply with the Trust's Information Governance policies and standards.

Confidentiality and Security - Your attention is drawn to the confidential nature of information collected within the NHS. Whilst you are employed by the Trust you will come into contact with confidential information and data relating to the work of the Trust, its patients or employees. You are bound by your conditions of service to respect the confidentiality of any information you may come into contact with which identifies patients, employees or other Trust personnel, or business information of the Trust. You also have a duty to ensure that all confidential information is held securely at all times, both on and off site.

Disclosure of Information - To ensure that information is only shared with the appropriate people in appropriate circumstances, care must be taken to check the recipient has a legal basis for access to the information before releasing it. Upon leaving the Trust's employment and at any time thereafter you must not take advantage of or disclose confidential information that you learnt in the course of your employment, to protect yourself and the Trust from any possible legal action.

Information Quality and Records Management - You must ensure that all information handled by you is accurate and kept up-to-date and you must comply with the Trust's recording, monitoring, validation and improvement schemes and processes.

Professional standards and performance review

As an employee of the Trust, you have a responsibility to:

- participate in continuous personal development including, statutory and mandatory training as appropriate for the post; and
- maintain consistently high personal and professional standards and act in accordance with the relevant professional code of conduct; and
- take responsibility for the maintenance and improvement of personal and professional competence and to encourage that of colleagues and subordinates

Safeguarding children and vulnerable adults

We all have a personal and a professional responsibility within the Trust to identify and report abuse. This may be known, suspected, witnessed or have raised concerns. Early recognition is vital to ensuring the patient is safeguarded; other people (children and vulnerable adults) may be at risk. The Trust's procedures must be implemented, working in partnership with the relevant authorities. The Sharing of Information no matter how small is of prime importance in safeguarding children, young people and vulnerable adults.

- As an employee of the Trust you have a responsibility to ensure that:
 - you are familiar with and adhere to the Trusts Safeguarding Children procedures and guidelines.
 - you attend safeguarding awareness training and undertake any additional training in relation to safeguarding relevant to your role.

Social responsibility

The Trust is committed to behaving responsibly in the way we manage transport, procurement, our facilities, employment, skills, and our engagement with the local community so that we can make a positive contribution to society. As an employee of the Trust, you have a responsibility to take measures to support our contribution and to reduce the environmental impact of our activities relating to energy and water usage, transport and waste.

Continuous improvement

The Shrewsbury and Telford Hospital NHS Trust is committed to creating a culture that puts Continuous Improvement at the forefront of our transformational journey and our aim is to empower colleagues at all levels have the confidence, capability, passion, and knowledge, to test changes and make improvements at SaTH and in the communities we serve.

Following a successful five-year partnership with the Virginia Mason Institute in the USA, SaTH

continues to further develop and embed the Trust's approach to Continuous Improvement at all levels of the organisation. You will be supported by an Improvement Hub, which will provide the necessary expertise to support you make improvements, while also providing training at various stages of your time at SaTH, as part of your continuing professional development.

Equal opportunities and diversity

The Shrewsbury and Telford Hospital NHS Trust is striving towards being an equal opportunities employer. No job applicant or colleague will be discriminated against on the grounds of race, colour, nationality, ethnic or national origin, religion or belief, age, sex, marital status or on the grounds of disability or sexual preference.

Selection for training and development and promotion will be on the basis of an individual's ability to meet the requirements of the job.

The Shrewsbury and Telford Hospital NHS Trust the post-holder will have personal responsibility to ensure they do not discriminate, harass, bully, or contribute to the discrimination, harassment or bullying of a colleague or colleagues, or condone discrimination, harassment or bullying by others.

The post-holder is also required to co-operate with measures introduced to ensure equality of opportunity.

