

## Job Description

**Title:** Bone Densitometry Scanning Technician

**Band:** 5

**Staff Group:** Clinical Scientific/Technical (Medical Physics)

**Reports to:** Bone Densitometry Specialist

*Enter the level of training below - delete the field if the job holder does not need to complete the Passport to Manage programme.*

### Passport to Manage

We are proud to support staff with a competency framework that is designed to equip staff with the skills and knowledge to become effective managers and leaders.

This post has been identified as a role that will benefit from the training and you will be enrolled onto **Level 1** of the **Passport to Manage** programme upon commencement with the Trust.



[Please click here for further information about the Passport to Manage programme.](#)

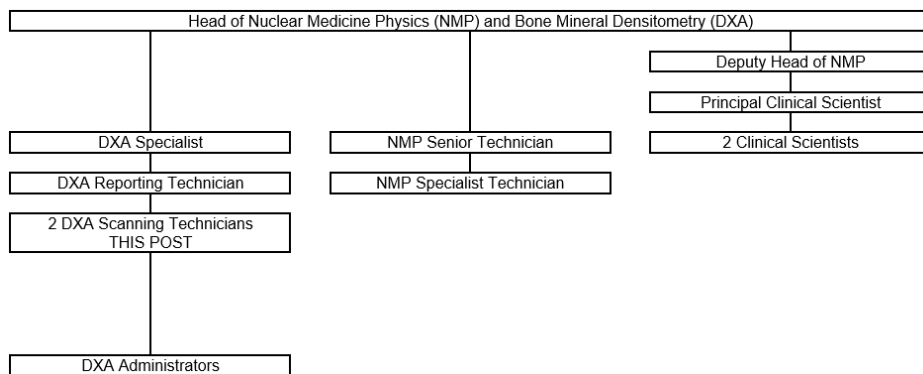
### Job Summary:

1. Provide specialised technical support in Bone Densitometry, involving a broad range of highly complex specialised technical work, both routine work and non-routine work while acting as an operator for scanning under the Ionising Radiation (Medical Exposure) Regulations 2017.
2. Prioritise own work and manage own time, taking into account service demands and resources as appropriate.
3. Collaborate with colleagues like Bone Densitometry Administrative Staff, Bone Densitometry Technicians and Rheumatology Staff

## Key Responsibilities:

1. Work is performed per policies and protocols, without direct supervision, to tolerances and standards as required for:
  - Determination of bone density for diagnosis/monitoring of osteoporosis.
  - Radiation Protection
  - Health and Safety
2. The scanner is specialised, able to assess Hips and Spine, also to evaluate Forearms, and to image Vertebral Fracture Analysis and Whole-Body. Therefore this equipment must be operated within the intended bone densitometry scope. Thus QC tests and patient scans must be performed following written procedures in the Quality Management System only.
3. Whether assessing the bone density at baseline or comparison, when undertaking imaging of a patient or phantom it is important that the positioning and processing are accurate. For unusual findings, the post holder must recognise the issue, repeat the procedure (as appropriate) and/or report for investigation to Bone Densitometry Specialist, Consultant Rheumatologist or Medical Physics Expert.
4. The software is specialised, including application software (e.g. Microsoft Office) and utility software (e.g. Radiology). Therefore the post holder must be capable of learning to use this software. For example, spreadsheets in Excel, and proprietary software record updates like CRIS.
5. Under the Ionising Radiation (Medical Exposure) Regulations 2017, the post holder will act as operator for performing bone density scans, without direct supervision, per policies and protocols.
6. The post holder will adhere to and apply all trust policies and local procedures for health and safety, including patient handling, infection control and COSHH, as applicable.
7. Work may involve some situations with exposure to physical hazards (e.g. infection control and ionising radiation) and unpleasant conditions (e.g. emotionally difficult conditions).
8. Work for Bone Densitometry, as is directed by the Bone Densitometry Specialist, is planned and prioritised, taking into account service demands and resources as appropriate. Prioritising own work and managing own time. Collaborating with colleagues, for example, Bone Densitometry Administrative Staff, Bone Densitometry Technicians and Rheumatology Staff.
9. The post holder is expected to attend both internal and external training, to obtain and maintain the skills to perform this role, including mandatory training, radiation protection training, reporting training and CPD.
10. The postholder is expected to participate in clinical audit and research and development.
11. Supplies and services will be ordered and obtained, according to procedures for Medical Physics and Portsmouth University Hospitals NHS Trust.

## Organisational Chart



## Person Specification

### Qualifications

#### Essential

- BTEC (CNC) or equivalent.
- Experience working as Radiographer/Technician in Bone Densitometry.
- Completion of course for National Training Scheme in Bone Densitometry.

### Skills and Knowledge

#### Essential

- Knowledge of scientific and clinical aspects of the service and related professional issues.
- Ability to work accurately with attention to detail.
- Highly developed physical accuracy and dexterity, and good spatial awareness.
- Technically practical with an analytical approach to problem solving.
- Numerate.
- Able to use computers, spreadsheets and other software packages.
- Good understanding of hazards posed by, and precautions needed with ionising radiation.
- Well organised and able to manage, prioritise own work and of others.
- Able to work in a team and independently, and supervise individuals or small groups.
- Able to communicate well with colleagues and staff in allied disciplines.
- Able to work with patients or in the patient environment with care and discretion.

#### Desirable

- Resourceful.
- Able to respond well to minor incidents and problems.

### Personal Qualities

- Physically adept with good sense of spatial awareness.
- Ability to concentrate and work with care and diligence.
- Self-motivated.
- Responsive and flexible attitude /approach.
- Good interpersonal skills.
- Ability to enlist the support and cooperation of others.
- Ability to act and ensure delivery.
- Willingness to work overtime and flexible hours when required.

## **Working Together For Patients with Compassion as One Team Always Improving**

**Strategic approach** (clarity on objectives, clear on expectations)

**Relationship building** (communicate effectively, be open and willing to help, courtesy, nurtures partnerships)

**Personal credibility** (visibility, approachable, back bone, courage, resilience, confidence, role model, challenge bad behaviour, manage poor performance, act with honesty and integrity)

**Passion to succeed** (patient centred, positive attitude, take action, take pride, take responsibility, aspire for excellence)

**Harness performance through teams** (champion positive change, develop staff, create a culture without fear of retribution, actively listen and value contribution, feedback and empower staff , respect diversity)

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Job holders are required to act in such a way that at all times the health and well being of children and vulnerable adults is safeguarded. Familiarisation with and adherence to the Safeguarding Policies of the Trust is an essential requirement for all employees. In addition all staff are expected to complete essential/mandatory training in this area.

**Print Name:**

**Date:**

**Signature:**