

## The RCT Evidence Criteria – Bone Densitometry

These standards have been developed to support the route to equivalence. They reflect the standards that have been applied throughout the life of the register and have been derived from competencies contained within approved training route criterion. The RCT Management Panel are able to quality assure technologists via this route and determine the depth and breadth of their knowledge and skills. Only when successfully evidencing these standards through a portfolio can the RCT Management Panel be satisfied that Technologists are able to carry out their role safely and effectively.

### A. Safe Working Practice

1. Provide evidence that you are competent with a range of generic skills including mandatory training e.g. infection control and basic life support.
2. Demonstrates an understanding and application of health & safety and risk management in all aspects of the Bone Densitometry Technologist role.
3. Demonstrates an understanding of, and works within all relevant legislation to their role including departmental local rules, employers procedures IRR and IRMER.
4. Perform health & safety risk assessments (including radiation risk assessments for ionising radiation) in accordance with standard operating procedures.
5. Provide evidence of radiation incident reporting.
6. Demonstrates effective communication skills and team working.
7. Demonstrates a professional approach to all aspects of the Bone Densitometry Technologist/Technician role.
8. Assists in giving instructions to patients and colleagues regarding radiation hazards, doses and restrictions.
9. Demonstrates reflective practice as part of the learning process.

### B. Equipment Management

1. Performs cleaning/decontamination of equipment.
2. Performs routine equipment quality control checks and review and interpret results.
3. Performs basic fault finding and first line user maintenance.
4. Demonstrates an understanding of quality management systems.

### C. Bone Densitometry

1. Physical Principles of X-Ray Densitometry
2. Perform all aspects of patient preparation imaging and compliance with legislation.  
Adhering to standards of professional practice throughout

3. Operate equipment safely across all DXA acquisitions to produce high quality results for interpretation.
4. Show an understanding of understanding technical interpretation of Bone Densitometry results
5. Show an understanding of Osteoporosis and fracture risk
6. Assist in appointment scheduling.
7. Assist with clinical audit.
8. Assist with peer audit.
9. Demonstrates accurate recording keeping.

**D. Good Scientific Practice**

1. Adhere to relevant standards of professional practice as defined in Good Scientific Practice. Demonstrate that you have read, understood and comply with this document in all aspects of work.