

Unit 39: Introduction to Nuclear Medicine

Level:	2
Unit type:	Optional (Nuclear Medicine)
Credit value:	2
Guided learning hours:	12

Unit summary

This unit aims to give learners an understanding of the role of nuclear medicine and the work undertaken within it, the appropriate regulatory frameworks and quality assurance processes, and the importance of patient-centred care.

Unit assessment requirements

Assessment tasks and activities must enable learners to produce valid, sufficient, authentic and appropriate evidence that relates directly to the learning outcomes and assessment criteria of the unit. Suitable forms of evidence for this unit include:

- written tasks such as reports, articles for journals, newsletters, leaflets, posters
- workbooks, work logbooks or learner diaries
- written or oral presentations
- projects
- oral question and answer.

Observation records should not be used as the primary evidence of achievement for this unit, but can be used to supplement the more appropriate forms of evidence listed above or to provide sector contextualisation or evidence of how the learner has applied knowledge within their job role.

When devising the assessment activities, centres need to look closely at the verb used in each assessment criterion to ensure that learners can provide evidence with sufficient breadth and depth to meet the requirements. Centres need to produce assessment briefs for learners with clear instructions of what they are required to do.

Additional information

AC3.1, including:

- Health and Safety at Work Regulations
- infection prevention and control
- manual handling of equipment
- wearing of Protective Personal Equipment (PPE)
- the importance and type of PPE when dealing with hazardous substances
- the potential consequences of poor practice
- use of hazardous materials, i.e. Control of Substances Hazardous to Health (COSHH).

Learning outcomes and assessment criteria

To pass this unit, learners need to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria outline the requirements that the learner is expected to meet to achieve the learning outcomes and the unit.

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
1	Understand the role of Nuclear Medicine with respect to healthcare science and the provision of healthcare	1.1	Explain the role of Nuclear Medicine, including its impact on patient services and patient care			
2	Understand the range of investigations undertaken in Nuclear Medicine	2.1	Explain the common reasons for referral to Nuclear Medicine			
		2.2	Describe the range of investigations undertaken in Nuclear Medicine			
3	Understand the regulatory framework within which Nuclear Medicine operates as appropriate to the job role	3.1	Outline the legislation, policy, Quality Management system and good practice underpinning the practice of Nuclear Medicine			
		3.2	Explain the regulatory framework underpinning the use of radiation in Nuclear Medicine			
		3.3	Describe the personal radiation monitoring process and procedures appropriate to own role			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
4	Understand the importance of patient-centred care	4.1	Explain patient-centred care			
		4.2	Explain how Nuclear Medicine services can embed the principles of patient-centred care			
		4.3	Explain how to embed the principles of patient-centred care in daily work, referring to examples from own practice			
5	Understand the quality assurance processes which underpin safety and good practice as appropriate to the job role	5.1	State the importance of immediately reporting any issues which are outside own scope of competence to the relevant member of staff			

Learner name: _____

Date: _____

Learner signature: _____

Date: _____

Assessor signature: _____

Date: _____

Internal verifier signature: _____

Date: _____

(if sampled)