

Unit 109: Perform Intravenous Cannulation

Level:	4
Unit type:	Optional
Credit value:	6
Guided learning hours:	45

Unit Aim

This unit will provide learners with knowledge and skills of intravenous cannulation ensuring the learners feel comfortable to perform this procedure.

Assessment requirements

This unit must be assessed in line with *Skills for Health Assessment Principles for Qualifications that Assess Occupational Competence* document. Detailed information can be found in *Annexe A* of the qualification specification.

Evidence for skills within learning outcomes 3-5 must come from real work activities.

Learning outcomes The learner will:	Assessment criteria The learner can:
1 Understand current legislation, national guidelines, policies, protocols and best practice which impact on performing intravenous cannulation	1.1 Summarise the current legislation, national guidelines, policies, protocols and best practice guidelines which affect own role in relation to performing intravenous cannulation
	1.2 Explain the importance of working within own role and provide examples of seeking advice when faced with situations outside this role
2 Understand the purpose and functions of intravenous cannulation	2.1 Explain the anatomy and physiology of the circulatory system in relation to the insertion and maintenance of an intravenous cannula
	2.2 Summarise the indications and reasons for intravenous cannulation
	2.3 Explain the factors which influence the choice of a cannula and the site to be used

Learning outcomes The learner will:	Assessment criteria The learner can:
	2.4 Explain the preparation and positioning of an individual for insertion of an intravenous cannula 2.5 Explain the risks associated with the insertion of an intravenous cannula
3 Be able to prepare to carry out intravenous cannulation	3.1 Confirm the activity in line with the individual's care plan 3.2 Implement health and safety measures relevant to the procedure and environment 3.3 Confirm the individual's identity and obtain valid consent to carry out the procedure 3.4 Communicate information, support and reassurance to address the individual's needs, preferences and concerns 3.5 Prepare equipment for intravenous cannulation in line with local policy and protocol 3.6 Assess and take relevant action for risks identified prior to and during the procedure 3.7 Seek clinical advice and support when events or risks are beyond agreed level of competence
4 Be able to carry out intravenous cannulation	4.1 Apply standard precautions for infection prevention and control 4.2 Maintain an individual's privacy and dignity at all times 4.3 Reassure the individual and observe them for contra indications during the procedure 4.4 Prepare an appropriate site for cannulation, using the cannula of correct size and type, checking for contra indications 4.5 Position and use a tourniquet to engorge the selected vein with blood 4.6 Insert the cannula into the selected vein using the approved technique and confirm correct sitting, positioning and patency of cannula

Learning outcomes The learner will:	Assessment criteria The learner can:
	<p>4.7 Apply an approved dressing to fix the cannula in position</p> <p>4.8 Flush the cannula when in situ according to local protocols and guidelines</p> <p>4.9 Attach and secure the correct giving set to where infusion is required following approved procedures</p>
<p>5 Be able to monitor and report on the intravenous cannulation</p>	<p>5.1 Report any condition or behaviour which may signify adverse reactions to the procedure, in line with local policy and protocol</p> <p>5.2 Report and record the cannulation procedure in accordance with agreed procedures</p> <p>5.3 Maintain the cannulation site at regular intervals to avoid infection and maintain access</p>

Additional information about the unit

Exemplification of terms used in assessment criteria:

Individual refers to someone requiring care or support; it will usually mean the person or people supported by the learner.

Valid consent (must be in line with agreed UK country definition) may include:

- The individual must have the mental capacity to make the decision
- The individual must have sufficient non-bias information to make an informed choice
- The individual must not be pressured into making a decision and must give consent freely.

Preferences may be based on:

- Beliefs
- Values
- Culture
- Aspirations
- Wishes.