

## SFHBDS16

### Insert intravenous needles for the collection of blood at blood donation sessions



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#### Overview

This standard relates specifically to the insertion of intravenous needles for the collection of blood at blood donation sessions. You will need a firm knowledge and understanding of this procedure based upon your employer's protocols, guidelines and patient group directives, where used. You will be working without direct supervision but according to agreed protocols.

Users of this standard will need to ensure that practice reflects up to date information and policies.

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#### Performance criteria

*You must be able to:*

- P1 apply standard precautions for infection prevention and control any other relevant health and safety measures
- P2 give the individual relevant information, support and reassurance in a manner which is sensitive to their needs and concerns
- P3 gain valid consent to carry out the planned activity
- P4 assess risks relevant to performing procedure prior to commencement and take relevant action to eliminate risks to the individual – both pre and post needle insertion
- P5 seek clinical advice and support from an appropriate member of the team when events or risks are beyond your level of competence
- P6 select an appropriate site for needle insertion, taking account of individual's comfort and mobility, and prepare the selected site for aseptic insertion of the intravenous cannula following agreed protocol, administering the appropriate local anaesthetic if prescribed
- P7 correctly position and use a tourniquet to engorge the selected vein with blood
- P8 select the correct size and type of collection needle for the individual and purpose, ensuring it is fit for use
- P9 insert the collection needles into the selected vein using the approved technique and confirm correct siting, positioning and patency of the needle for the collection of blood purpose
- P10 apply an approved dressing to fix the needle in position
- P11 immediately report any condition or behaviour which may signify adverse reactions to the procedure and take appropriate action
- P12 document the procedure in accordance with agreed procedures
- P13 maintain the needle insertion site at regular intervals to avoid infection and ensure effective function

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#### Knowledge and understanding

*You need to know and understand:*

- K1 the current European and National legislation, national guidelines, organisational policies and protocols in accordance with Clinical/Corporate Governance which affect your work practice in relation to inserting intravenous needles for the collection of blood at blood donation sessions
- K2 your responsibilities and accountability in relation to the current European and National legislation, national guidelines and local policies and protocols and Clinical/Corporate Governance
- K3 the duty to report any acts or omissions in care that could be detrimental to yourself, other individuals or your employer
- K4 the importance of applying standard precautions to the insertion of intravenous needles for the collection of blood at blood donation sessions and the potential consequences of poor practice
- K5 the importance of working within your own sphere of competence when and seeking clinical advice when faced with situations outside your sphere of competence
- K6 the risks associated with the insertion of intravenous needles
- K7 current evidence based practice related to the management of risks associated with the insertion of intravenous needles
- K8 the importance of protecting the comfort, safety and security of the individual and self throughout insertion of intravenous needles
- K9 the importance of maintaining strict asepsis when preparing, inserting and managing intravenous needles
- K10 the anatomy and physiology of the circulatory system in relation to the insertion and maintenance of intravenous needles for the collection of blood at blood donation sessions
- K11 the importance of correct preparation and positioning of individuals for insertion of intravenous needles
- K12 potential sites for insertion of intravenous needles and how to identify the most suitable for the individual
- K13 factors influencing:
  - K13.1 the choice of intravenous needle
  - K13.2 the site for insertion
- K14 the importance of limb immobilisation prior to the insertion of intravenous needles
- K15 the importance of appropriate skin preparation, including the use of depilatory cream if required
- K16 the importance, and approved methods, of controlling and stopping blood flow prior to the insertion of intravenous needles

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- K17 the possible adverse reactions to the insertion of intravenous needles
- K18 the actions you will need to take in the event of adverse reactions to the insertion of intravenous needles
- K19 the importance of and the methods of cleaning and maintaining the cannula site following insertion of intravenous needles
- K20 the clinical indications of infection in the insertion site and the actions you would take if signs of infection are apparent
- K21 the approved methods of checking the patency of inserted needles
- K22 the types of intravenous needles for blood collection and the range of sizes available
- K23 the importance of correctly recording your activities including type of needle inserted
- K24 the importance of keeping accurate and up to date records
- K25 the importance of immediately reporting any issues which are outside your own sphere of competence without delay to the relevant member of staff

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### Additional Information

#### External Links

This standard links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):

Dimension: HWB7 Interventions and treatments

Level: 2

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**Developed by** Skills for Health

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**Status** Original

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**Originating organisation** Skills for Health

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**Relevant occupations** Health, Public Services and Care; Nursing and Subjects and Vocations Allied; Health Professionals; Healthcare and Related Personal Services

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**Suite** Blood Donor Support.

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**Key words** Blood donor, blood donation, blood collection, intravenous needles

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