

Unit 4222-336 Obtain venous blood samples (HSC 3053)

Level: 3
Credit value: 3
UAN: D/601/8860

Unit aim

This unit is aimed at health & social care professionals involved in the use of venepuncture/ phlebotomy techniques and procedures to obtain venous blood samples from individuals for investigations.

Learning outcomes

There are **five** learning outcomes to this unit. The learner will:

1. Understand legislation, policy and good practice related to obtaining venous blood samples
2. Understand the anatomy and physiology relating to obtaining venous blood samples
3. Be able to prepare to obtain venous blood samples
4. Be able to obtain venous blood samples
5. Be able to prepare venous blood samples for transportation

Guided learning hours

It is recommended that **24** hours should be allocated for this unit, although patterns of delivery are likely to vary.

Details of the relationship between the unit and relevant national standards

This unit is linked to CHS132.

Support of the unit by a sector or other appropriate body

This unit is endorsed by Skills for Care and Development.

Assessment

This unit must be assessed in accordance with Skills for Care and Development's QCF Assessment Principles.

Learning outcomes 3,4 and 5 must be assessed in a real work environment.

Unit 4222-336 Obtain venous blood samples (HSC 3053)

Assessment Criteria

Outcome 1 Understand legislation, policy and good practice related to obtaining venous blood samples

The learner can:

1. describe current legislation, national guidelines, local policies, protocols and good practice guidelines which relate to obtaining venous blood samples.

Outcome 2 Understand the anatomy and physiology relating to obtaining venous blood samples

The learner can:

1. describe the structure of venous blood vessels
2. explain blood clotting processes and the factors that influence blood clotting
3. describe the position of venous blood vessels in relation to arteries, nerves and other structures.

Outcome 3 Be able to prepare to obtain venous blood samples

The learner can:

1. confirm the individual's identity and obtain **valid consent**
2. communicate with the individual in a manner which:
 - provides relevant information
 - provides support and reassurance
 - addresses needs and concerns
 - is respectful of personal beliefs and preferences
3. select and prepare appropriate equipment for obtaining the venous blood sample
4. select and prepare an appropriate site taking into account the individual's preferences.

Outcome 4 Be able to obtain venous blood samples

The learner can:

1. apply health and safety measures relevant to the procedure and environment
2. apply standard precautions for infection prevention and control
3. use the selected blood collection equipment correctly, in a manner which will cause minimum discomfort to the individual
4. use the agreed procedure to obtain the venous blood sample to include:
 - utilisation of containers
 - required volume of blood
 - correct sequence when obtaining multiple samples
 - application and use of tourniquets at appropriate stages
 - stimulation of blood flow or selection of alternative site where necessary
 - utilisation of anti-coagulant with sample when necessary
5. respond to any indication of adverse reaction, complication or problem during the procedure
6. explain the correct procedure to deal with an arterial puncture when it occurs
7. terminate the blood collection procedure following guidelines and/or protocols to include:
 - removal of blood collection equipment

- stopping blood flow
- stopping bleeding
- application of suitable dressing
- personal care advice to the individual.

Outcome 5 Be able to prepare venous blood samples for transportation

The learner can:

1. label, package, transport and store blood samples correctly and use appropriate attached documentation ensuring:
 - legibility of labelling and documentation
 - temperature control of storage
 - immediacy of transportation.

Unit 4222-336 Obtain venous blood samples (HSC 3053)

Additional guidance

- **Valid consent** must be in line with agreed UK country definition