

Title:	Paediatric Phlebotomy
Level:	3
Credit value:	2
GLH:	14
Unique Reference Number:	H/618/0487
Sector Subject Area:	1.3 Health and Social Care
Aim:	<p>The aim of this unit is to provide learners with the skills and knowledge to be able to provide safe and effective care to children during medical procedures, including obtaining informed consent, selecting and applying appropriate techniques for blood sampling, managing pain and discomfort, using distraction and breathing techniques, handling complications, and making appropriate referrals when necessary.</p> <p>This unit aim integrates the various aspects of paediatric care, focusing on both the theoretical understanding and hands-on application of essential skills in a clinical setting.</p>
Assessment Type:	Assessment of this unit will be through an internally set and internally assessed portfolio of evidence.
Assessment Guidance:	<p>Assessment decisions for skills-based learning outcomes must be made during the learner's normal work activity.</p> <p>Skills-based assessment must include direct observation as the main source of evidence and must be carried out over an appropriate period of time.</p>

Learning outcomes

The learner will:

1. Be able to understand principles of obtaining informed consent from children.

Delivery content:

The aim of this learning outcome is to provide learners with the knowledge and skills to understand the principles and processes involved in obtaining informed consent from minors, including the factors influencing consent, how to assess a child's capacity to give consent, and the necessary steps to take when a child is unable to provide informed consent independently.

The learner must:

- 1.1 Explain how to obtain informed consent from a minor.
- 1.2 Describe two issues which can affect the ways in which consent can be given.
- 1.3 Explain how to assess whether a child is capable of giving their own consent.
- 1.4 Explain the steps to be taken if it were assessed that the child was not capable of giving own consent.

2. Be able to understand methods used when taking blood from children.

Delivery content:

The aim of this learning outcome is to provide learners with the knowledge and skills to obtain paediatric blood samples, including the use of appropriate techniques and equipment, while considering various factors that may influence the choice of method, such as the child's age, size, attitude, and level of cooperation.

The learner must:

- 2.1 Describe two methods used when obtaining a paediatric blood sample.
- 2.2 Use the butterfly system, including the safety mechanism, on a *dummy arm*.
- 2.3 Explain how the following factors may influence decisions pertaining to selected/chosen method:
 - (a) age;
 - (b) size;
 - (c) attitude;
 - (d) level of co-operation.

3. Be able to understand when and how to apply pain relief whilst obtaining blood.

Delivery content:

The aim of this learning outcome is to provide learners with the knowledge and skills to understand the importance of pain relief in medical procedures, including the reasons for its necessity, and to gain knowledge and skills in using various methods of pain relief, while evaluating the advantages and disadvantages of each method.

The learner must:

- 3.1 Explain the key reasons why it may be necessary to apply pain relief during a procedure.

3.2 Describe how to use three common methods of pain relief and the disadvantages of each.

4. Be able to understand the use of distraction and breathing techniques.

Delivery content:

The aim of this learning outcome is to provide learners with the knowledge and skills to explore the role of distraction techniques in managing discomfort and anxiety during medical procedures, including the practical application of various distraction methods and an understanding of how breathing techniques can further support the child's comfort and coping.

The learner must:

- 4.1 Explain why distraction techniques would be used.
- 4.2 Describe how to use three distraction techniques.
- 4.3 Describe one use of breathing techniques.

5. Be able to understand potential complications when taking blood from children.

Delivery content:

The aim of this learning outcome is to provide learners with the knowledge and skills to identify and understand potential complications that may arise during medical procedures involving children, including the appropriate responses to these complications and the criteria for referring a child for further care when necessary.

The learner must:

- 5.1 Describe two potential complications which can occur.
- 5.2 Explain how to respond appropriately to each complication.
- 5.3 Explain when it would be necessary to refer the child.