

Unit Title: Undertake Physiological Measurements	
Level:	Three
Credit Value:	3
GLH:	23
OCNLR Unit Code:	PA1/3/LQ/095
Ofqual Unit Reference Number:	H/508/4140

This unit has 5 learning outcomes

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<p>The learner will:</p> <p>1. Understand relevant legislation, policy and good practice for undertaking physiological measurements.</p>	<p>The learner can:</p> <p>1.1. Describe current legislation, national guidelines, organisational policies and protocols affecting work practice.</p>

<p>2. Understand the physiological states that can be measured.</p>	<p>2.1. Explain the principles of blood pressure to include:</p> <ul style="list-style-type: none">• blood pressure maintenance• differentiation between systolic and diastolic blood pressure• normal limits of blood pressure• conditions of high or low blood pressure. <p>2.2. Explain the principles of body temperature to include:</p> <ul style="list-style-type: none">• body temperature maintenance• normal body temperature• pyrexia, hyper-pyrexia and hypothermia. <p>2.3. Explain the principles of respiratory rates to include:</p> <ul style="list-style-type: none">• normal respiratory rates• factors affecting respiratory rates in ill and well individuals. <p>2.4. Explain the principles of pulse rates to include:</p> <ul style="list-style-type: none">• normal pulse rates limits• factors affecting pulse rates – raising or lowering• pulse sites on the body• the requirement for pulse oximetry measurements• analysis and implication of pulse oximetry findings. <p>2.5. Explain the principles of Body Mass Index (BMI) in relation to weight/dietary control.</p> <p>2.6. Explain the major factors that influence changes in physiological measurements.</p> <p>2.7. Explain the importance of undertaking physiological measurements.</p>
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<p>3. Be able to prepare to take physiological measurements.</p>	<p>3.1. Explain to the individual what measurements will be undertaken and why these are done.</p> <p>3.2. Reassure the individual during physiological measurements process.</p> <p>3.3. Answer questions and deal with concerns during physiological measurements process.</p> <p>3.4. Explain the help individuals may need before taking their physiological measurements.</p> <p>3.5. Explain why it may be necessary to adjust an individual's clothing before undertaking physiological measurements.</p> <p>3.6. Ensure all materials and equipment to be used are appropriately prepared.</p> <p>3.7. Confirm the individual's identity and obtain valid consent.</p>
<p>4. Be able to undertake physiological measurements.</p>	<p>4.1. Apply standard precautions for infection prevention and control.</p> <p>4.2. Apply health and safety measures relevant to the procedure and environment.</p> <p>4.3. Select and use appropriate equipment at the prescribed time and in the prescribed sequence to obtain an accurate measurement.</p> <p>4.4. Monitor the condition of the individual throughout the measurement.</p> <p>4.5. Respond to any significant changes in the individual's condition.</p> <p>4.6. Follow the agreed process when unable to obtain or read a physiological measurement.</p> <p>4.7. Identify any issues outside own responsibility and refer these to other colleagues.</p>
<p>5. Be able to record and report results of physiological measurements.</p>	<p>5.1. Explain the necessity for recording physiological measurements.</p> <p>5.2. Explain a few common conditions which require recording of physiological measurements.</p> <p>5.3. Demonstrate the correct process for reporting measurements that fall outside the normal levels.</p> <p>5.4. Record physiological measurements taken accurately using the correct documentation.</p>

Assessment

The grid below gives details of the assessment activities to be used with the unit attached. Please refer to the OCN London Assessment Definitions document for definitions of each activity and the expectations for assessment practice and evidence for verification.

P = Prescribed This assessment method *must* be used to assess all or part of the unit.

O = Optional This assessment method *could* be used to assess all or part of the unit.

Case Study		Project	
Written question & answer/test/exam	O	Role play/simulation	
Essay	O	Practical demonstration	P
Report		Group discussion	
Oral question and answer	O	Performance/exhibition	
Written description	O	Production of artefact	
Reflective log/diary		Practice file	