

## COPD Units of Learning

<p>Title of overarching NOS: <b>CHS 214 Undertake quality performance checks within healthcare activities</b></p>	<p>Unit of learning to demonstrate competence: <b>Undertake quality assurance for diagnostic tests and interventions within COPD and other respiratory diseases</b></p>
<p>Details of the relationship between the unit to demonstrate competence and relevant national occupational standards (if appropriate)</p>	<p>Users will be able to demonstrate competence in performing quality performance /quality control checks that contribute to quality assurance and quality management programmes within healthcare activities. This will ensure that systems, equipment and procedures continue to be accurate, standardised and safe to use</p>
<p><b>Outcomes:</b> The individual will know and understand:</p>	<p><b>Assessment criteria</b> To be competent the individual will be able to:</p>
<p>Indicative Level</p>	<p>Level 1 (Expert/specialist) Level 2 (Experienced practitioner) Level 3 (Novice new to respiratory disease management (including COPD))</p>
<p>The principles and policies of quality assurance and quality performance procedures and their relevance within your work practice</p>	<p>Demonstrate the application of relevant codes of practice, local or current guidelines and any published guidelines during quality performance checks</p> <p>Outline the range of issues affecting performance optimisation including location, environment, safety, consumables, risks and training requirements</p>
<p>The range and types of quality tests required to establish safe, consistent and expected operation relevant to your work activities</p>	<p>Demonstrate knowledge of quality assurance requirements for COPD and other respiratory disease diagnostic procedures and interventions relevant to your COPD and other respiratory disease work activities including knowledge of modes of action</p> <p>Select the relevant quality control tests for your work activity</p>
<p>The expected frequency of testing and expected performance outcomes for the quality testing within your work activities</p>	<p>Carry out the quality performance testing at the appropriate frequency and time according to the local policies, protocols and guidelines</p>

The range of factors, limitations and critical factors that may lead to inaccurate results and the appropriate remedial actions	<p>Describe how to recognise factors which affect operational use and the importance of relevant reference materials, standards and procedures used in the performance testing and verification</p> <p>Clearly explain the principles of operation for the quality checks</p>
The type, range and level of detail required for the quality recording within your work practice	Demonstrate practical application of equipment calibration and quality assurance required for performing accurate and reliable results
The reporting mechanisms for conformance, non-conformance and variances	Identify and report details of conformance, non-conformance and variances according to approved procedures
The actions required when quality results are below accepted performance limits within your level of responsibility	<p>Describe the actions required to respond to an unexpected situation or problem to maintain quality performance</p> <p>In the event of non-compliance and variances, identify factors that may have influenced the results and seek advice if this is outside your level of responsibility</p>
The importance of decontamination and infection control measures	<p>Apply appropriate health and safety measures and standard precautions for infection prevention and control relevant to the performance check, the type of equipment , medical device and /or associated systems within your work practice</p> <p>Describe the rationale for regular cleaning and equipment maintenance and the appropriate decontamination and infection control protocols for the procedure</p> <p>Outline how individuals with COPD and other respiratory diseases pose a possible infection control risk and the appropriate actions to be taken.</p> <p>Demonstrate the need for good hand hygiene and general housekeeping</p>
The importance of following protocols and procedures to set up and use the equipment	<p>Carry out and record the pre-testing requirements</p> <p>Compare results against expected measurement parameters to confirm operational status</p> <p>Ensure the equipment interfaces with the individual in the correct and safe manner</p>

How to interpret results within personal level of competence	<p>Demonstrate knowledge and appropriate use of reference values, including reference ranges and any calculations required</p> <p>Where appropriate, the importance of comparing test data against reference ranges to confirm effective performance</p> <p>Check the validity and reliability of the quality performance tests conducted and verify the operational effectiveness of the item under test</p> <p>Obtain correctly printed out quality performance reports, together with any relevant comments required to assess quality performance</p> <p>Correctly and accurately interpret the quality performance results</p>
How to handle information and maintain the confidentiality of records	Record and maintain full, accurate and legible records of the quality performance checks in line with current legislation, guidelines, local policies and protocols
Reporting quality assurance results	<p>Inform relevant individuals when quality performance tests demonstrate non compliance or variances</p> <p>Seek advice and support from competent individuals whenever the procedure, data or area of expertise is outside your level of competence</p>
Endorsement of the unit by a sector or other appropriate body (if required)	COPD Strategy Group/DH England; respiratory education providers