

## COPD Units of Learning

<p>Title of overarching NOS: <b>CHS 85 Review and evaluate care management plans with individuals with long term conditions</b></p>	<p>Unit of learning to demonstrate competence: <b>Review the effectiveness of ventilatory support</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 reviewing the effectiveness of invasive and non invasive ventilatory support in the management of COPD and other respiratory diseases</p>
<p>Outcomes: The individual will know and understand:</p>	<p>Assessment criteria 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>Why treatment regimes should be assessed for efficacy</p>	<p>Describe the expected signs and symptoms of effective ventilatory support to the individual with COPD and other respiratory diseases</p> <p>Explain to the individual the benefits of monitoring their ventilatory support</p> <p>Describe to the individual, the required actions to force air/oxygen into the lungs to ease the work of breathing and to maintain appropriate gas exchange in a manner that aids their understanding</p> <p>Explain the duration, type and frequency of monitoring required to determine effectiveness of treatment</p>

<p>Why a patient history is important to inform the review of effective therapy</p>	<p>Work collaboratively with the individual to obtain appropriate and necessary background information to allow the review to proceed effectively using appropriate methodologies to identify:</p> <ul style="list-style-type: none"> <li>a) any pre-morbid capabilities of the individuals</li> <li>b) any pre-existing conditions that may influence the review of effective therapy</li> <li>c) the circumstances that led up to the presenting condition requiring ventilatory support</li> <li>d) any home/care circumstances, recent changes in health and well being or other influencing factors</li> </ul>
<p>The range of monitoring and assessment tools required to conduct a comprehensive review of effectiveness of treatment</p>	<p>Clearly describe and explain to the individual with COPD and other respiratory diseases, the measures required to assess efficacy of ventilatory support</p> <p>Check the performance of the ventilatory equipment and accessories meet the prescription requirements to achieve ventilatory support, take appropriate action to correct any errors in performance</p> <p>Observe the individual during ventilatory support and record findings in accordance with defined protocols and procedures</p> <p>Measure the efficacy of ventilatory support using appropriate monitoring and assessment tools in the correct form and sequence and duration in a timely manner in line with local protocols and national guidelines</p> <p>Perform tests to monitor the individual's ventilatory status such as pulse oximetry, gas exchange measurements, respiratory rate and level of cyanosis</p> <p>Use the data obtained to determine normal, hypoxia or hypercapnic conditions and lung function to determine the efficacy of ventilatory support</p> <p>Document and report on, in a timely manner, any changes in symptoms and indicators that indicate improvement or deterioration in the individual's condition</p>

The importance of liaising with professional colleagues	<p>Refer/liaise with professional colleagues in a timely manner, information demonstrating that:-</p> <ul style="list-style-type: none"> <li>a) effective ventilatory support has been achieved in an individual</li> <li>b) whenever efficacy is below expectations</li> <li>c) if complications or issues arise during the treatment process</li> </ul>
Health, safety and infection control measures required for ventilatory support	Apply standard precautions for infection control and other relevant health and safety measures
How to communicate in an effective manner	<p>Communicate in manner and style that meets the needs of the individual, maintaining dignity, respect and inclusion</p> <p>Use appropriate and timely communication with professional colleagues to enable effective evaluation of the individual's ventilatory support</p>
How to handle information and maintain the confidentiality of records	Record information in line with organisational requirements and maintain the rights of individuals and principles of confidentiality
How to refer individuals to appropriate services in a timely manner	<p>Describe the referral criteria and pathways associated with failure to achieve effective ventilation support</p> <p>Seek advice in a timely manner and gain 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