

## COPD Units of Learning

Title of overarching NOS: <b>CHS 39 Assess an individual with a suspected health condition</b>	Unit of learning to demonstrate competence: <b>Assessment of need for non- invasive ventilatory support</b>
Details of the relationship between the unit to demonstrate competence and relevant national occupational standards (if appropriate)	Users will be able to demonstrate competence in assessing an individual with COPD and other respiratory diseases requirement for non- invasive ventilatory support
Outcomes: The individual will know and understand:	Assessment criteria To be competent the individual will be able to:
Indicative Level	Level 1 (Expert/specialist) Level 2 (Experienced practitioner)
The importance of the individual's identity and consent for the assessment	Check the individuals identity and obtain consent for the assessment of need for non-invasive ventilatory support
Role and responsibilities	Clearly explain your role and responsibilities in the assessment process and that of the individual/carer
Rationale for the assessment of need	<p>Work with the individual to explain normal, obstructive and restrictive patterns of lung disease and their relevance for the assessment of need e.g. non-invasive ventilation helps improve the levels of oxygen and reduce carbon dioxide; how altered lung mechanics increase the work of breathing</p> <p>Work with the individual to clearly explain the steps required to manage sudden breathing deterioration</p> <p>Work with the individual to explore and identify their symptoms and health and well being status within their stage of COPD and other respiratory disease to inform the assessment of need</p> <p>Select appropriate tools and techniques to accurately assess the individual's need for non-invasive ventilatory support</p>

Relevant guidelines, policies and protocols	Demonstrate the application of relevant and current guidelines, policies and protocols for non-invasive ventilatory support assessments e.g. NICE COPD guidelines
Risk assessment	<p>Work collaboratively with the individual to undertake a risk assessment taking into consideration any contributory factors that may affect their COPD and other respiratory diseases assessment process</p> <p>Identify situations and demonstrate appropriate actions for the assessment process in light of changes to the individuals situation and level of risk</p>
The importance of evaluating the individual's understanding of the assessment process and readiness to undertake an assessment of need	Take account of the individuals age, maturity and mental capacity and assess their readiness to engage
Information sources	<p>Work collaboratively with the individual to explore how they have been affected by their condition</p> <p>Work collaboratively with the individual to explore their main presenting features, any differentiating factors related to co morbidities or other pulmonary condition</p> <p>Where any information is conflicting or lacking, take steps to obtain the information from the individual or professional colleagues</p> <p>Outline to the individual how non-invasive ventilation may help their management of an exacerbation and provide extra support with breathing</p> <p>Clearly explain the signs of successful ventilation to the individual</p> <p>Work collaboratively with the individual and professional colleagues to resolve any conflicting or unexpected findings from the available information</p>

<p>The range of assessment tools required to conduct a comprehensive assessment of need</p>	<p>Clearly explain the assessment tools required to the individual including the sequence, duration, type and frequency of assessment required to determine need for non-invasive ventilation</p> <p>Provide support and encouragement to the individual during the assessment</p> <p>Record the individual's symptoms prior to, during and after the assessment to determine indicators for non-invasive ventilation</p> <p>Assess the individual for signs of breathing deterioration</p> <p>Take appropriate action during the assessment process based on the individuals clinical status in accordance with their management plan and presenting situation</p>
<p>Non-invasive ventilation therapy</p>	<p>Clearly explain and discuss with the individual the non-invasive therapy including correct positioning for the procedure and check their understanding</p> <p>Work with the individual to identify any potential complications and/or interfering factors such as dentures, physical constraints and/or any relevant co morbidities prior to the prescribed non-invasive therapy</p>
<p>Interpretation of assessments</p>	<p>Accurately interpret the data obtained to establish any changes in existing health and well being and to identify the indicators for the need for non-invasive ventilatory support</p> <p>Work with professional colleagues to evaluate the assessment findings</p> <p>Working collaboratively with professional colleagues draw conclusions for the need of non-invasive ventilatory support to help restore the individual's ling function and breathing in line with the care plan</p>

Next steps	<p>Work through the implications from the assessment of need outcomes with the individual and check their understanding</p> <p>Work with the individual to explain how non-invasive ventilation impacts on their life style, social relationships and environment</p> <p>Value and respect the individual's freedom of choice and allow time for the individual to reflect and consider the recommendations and seek their agreement for non-invasive 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 communicate in an effective manner	<p>Communicate information and the assessment of need outcomes in a manner that aids understanding for the individual</p> <p>Share information in a timely manner through effective communication with health professionals on the assessment of need for non-invasive therapy</p>
Liaise with individuals/carers and colleagues	<p>Refer/liaise and work collaboratively with professional colleagues when or if complications or issues arise during the assessment of need in a timely manner</p> <p>Present and discuss the outcomes of the assessment of need with key stakeholders, individuals/carers in a timely manner and in a format that achieves understanding</p> <p>Collaboratively work with professional colleagues to justify the need for non-invasive ventilatory support to meet the individual's clinical requirements</p>
Refer individuals to appropriate services in a timely manner	<p>Describe the referral criteria and pathways associated with the provision of non-invasive ventilation to the individual</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