

## CAP35 Ventilatory Support

The trainee will describe or demonstrate their approach to the patient requiring ventilatory support		
Knowledge	Assessment Methods	GMP Domains
Recalls and understands the principles of ventilatory support strategies and local protocols, including but not limited to: oxygen therapy, CPAP, NIV, IPPV	E, C, Mi, ACAT	1
Knowledge of the conditions which may require ventilatory support in the critically ill, including but not limited to: acute respiratory distress syndrome (ARDS)/acute lung injury, exacerbation of airflow obstruction, infection, trauma	E, C, Mi, ACAT	1
Understands the concepts of oxygen delivery and utilisation and work of breathing	E, C, Mi, ACAT	1
Recalls appropriate monitoring and investigation of the patient requiring ventilatory support, including but not limited to: clinical assessment, arterial blood gases, blood tests, radiography	E, C, Mi, ACAT	1
Central venous pressure monitoring and more advanced haemodynamic monitoring	E, C, Mi, ACAT	1
Outline immediate management options including: increasing inspired oxygen fraction, increased respiratory monitoring, initiation of non-invasive ventilation or CPAP, role of invasive mechanical ventilation	E, C, Mi, ACAT	1
Knowledge of problems associated with ventilatory support (e.g. ventilator-associated pneumonia, ventilator-associated lung injury), and strategies available to limit such problems	E, C, Mi, ACAT	1

<b>Skills</b>		
Makes a rapid and appropriate assessment, including: clinical assessment, use of simple airway manoeuvres to restore a patent airway, use of airway adjuncts to restore a patent airway, selection of appropriate oxygen delivery devices	Mi, C, ACAT	1
Initiates appropriate immediate management and performs appropriate further management of the critically ill patient	Mi, C, ACAT, D	1
Demonstrates safe use of local ventilators including: selects appropriate initial ventilator settings, selects 100% oxygen	Mi, C, ACAT	1
Prioritise, order, interpret and act on simple investigations appropriately	Mi, C, ACAT	1
<b>Behaviour</b>		
Recognises need for immediate assessment and resuscitation	Mi, C, ACAT	1
Assumes leadership role where appropriate	Mi, C, ACAT	3
Communicates effectively with patient, relatives, nursing and other staff, during the assessment and the ordering of additional tests and treatment plans	Mi, C, ACAT	2,4
Involves senior and specialist services appropriately	Mi, C, ACAT	2,3