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Airway Management Placement BSc Paramedic Practitioner



Plymouth University Academic Level 5 **Year 2** Students

Key Student Learning Goals:

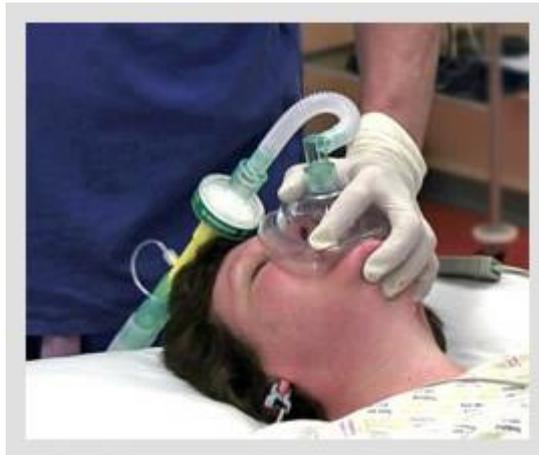
Within the context of this placement, the student should spend time alongside experienced anaesthetist, within the **theatre suite** in order to begin to build their knowledge of contemporary practice and issues in **airway management**. The learning from this placement is seen as foundational for developing an understanding of both theoretical and practical aspects involved in the assessment and application of good airway technique management. This aims to inform and enhance the student's developing autonomous practice in assessing and managing the complex needs of the deteriorating and time critical patients in a prehospital environment. A variety of skills are utilised in theatre including, clinical, technical, caring, managerial, organisational and communication skills. Opportunities to develop intravenous access, observing specific medication and a variety of airway techniques will enhance confidence and competence as an aspirant registrant.

Intended learning objectives: (Please be mindful, that these settings will not always be engaged with major interventions. The onus is on patient engagement and developing a holistic approach to patient care and communication).

Airway management specific Intended learning objectives	 (Student marks)
<ul style="list-style-type: none">Under supervision, contribute towards the assessment and management of the unconscious patient and patient emerging from anaesthesia. Identify and describe hypoxia and hypercapnia and be familiar with the use of pulse oximetry and capnography equipment.	
<ul style="list-style-type: none">Observe preparation of patient for anaesthesia and the drugs/	

<p>medication used</p> <ul style="list-style-type: none"> • Apply knowledge of effects of pharmacology of anaesthetic agents and of surgery upon the respiratory system taking into consideration the medical history of the patient. • With supervision, practice patient positioning techniques for preparation of airway management. 	
<ul style="list-style-type: none"> • Discuss common techniques; spontaneous ventilation with iGel, intermittent positive pressure ventilation with an Endotracheal Tube, and rapid sequence induction. • Understands oxygen delivery equipment. 	
<ul style="list-style-type: none"> • Discuss ethical dimensions of patient care within anaesthesia 	
<ul style="list-style-type: none"> • Clarify and maintain infection control procedures as required 	
<ul style="list-style-type: none"> • Maintain good communication between a multi-disciplinary team, as well as appreciate the different working environments and challenges and opportunities they face. 	
<ul style="list-style-type: none"> • .Understanding of 3 key stages of GA, Induction (sleep) Maintenance and Emergence • Awareness of risks and complications of removing an airway • Apply knowledge of Anatomy and Physiology of the upper airway to anaesthesia and surgery. • Management of an airway in Post-anaesthesia care unit (PACU) and breathing patients. • Discuss the physiological changes caused by anaesthesia and surgery and the changes in oxygen requirements in the immediate postoperative environment. 	
<p>Under supervision, practice effective airway management procedures by using a range of available techniques and adjuncts. To include opportunities for intubation / extubation. Uses of endotracheal tube, nasopharyngeal, oropharyngeal and iGels, as well as manual airway maintenance and suction.</p> <ul style="list-style-type: none"> • Demonstrate the ability to prepare and check suction and airway equipment. • Assist in maintaining an airway during a bag and mask ventilation 	
<ul style="list-style-type: none"> • Describes indications for use of straight and curved blades, magills forceps, bougies, introducers. 	
<ul style="list-style-type: none"> • Describes indications of Oropharangeal airways and Nasopharangeal airways 	

<ul style="list-style-type: none"> • Describes indications for IGEL and Endotracheal tube placement 	
<ul style="list-style-type: none"> • Assessment of Respiration • Assessing airway, chest movement, respiratory rate, rhythm and colour • Can describe mechanism of inspiration and expiration. • Identifies accessory muscles and tracheal tug if present. • Uses a stethoscope to assess the patient appropriately. 	



Placement Supervision:

Supervisors (anaesthetists) are asked to comment upon and witness professional behaviours as described, below;

This is **not** a 'sign-off' of competence

This will however, provide a valuable record of the student's professional behaviour on placement.

Professional attitude, behaviour and responsibility			
	Evidence/Comments	Supervisor	Date

1. The student maintains confidentiality in accordance with HCPC requirements.			
2. The student is non-judgemental, respectful and courteous at all times when interacting with patients/service users and all colleagues.			
3. The student maintains an appropriate professional attitude regarding punctuality and communicates appropriately if unable to attend placement.			
4. The student's personal presentation and dress code are appropriate to the setting.			
5. The student maintains the person's privacy and dignity and understands the importance of advocacy.			
6. The student demonstrates openness, trustworthiness and integrity.			
7. The student makes a consistent effort to engage in the requisite standards of care and learning.			

Additional feedback from any member of the team that is pertinent to mention, to enhance the student's professional and personal development.

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Signed/Name and position.....