

Student Name:

Medical School:

Year:

| Basic airway management<br>A patient with a compromised airway has been admitted to the emergency department, please show how you will manage their airway<br>I will ask some questions before and during the procedure. |                                                                                                                                                                                                                                                                                                                                               | Self                     | Peer                     | Peer/<br>Tutor           | Tutor                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Demonstrates safe approach and use of standard precautions                                                                                                                                                               | Use of standard precautions, i.e. gloves, apron<br>Awareness of clinical hazards                                                                                                                                                                                                                                                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Which patients are at risk of airway compromise                                                                                                                                                                          | Unconscious<br>Impaired consciousness<br>Heavily sedated<br>Anaesthetised                                                                                                                                                                                                                                                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explains how to perform initial airway assessment                                                                                                                                                                        | Speaks to patient to assess for response and airway compromise<br>Demonstrates Look, Listen and Feel technique – look for misting of O2 mask, use of accessory muscles, rise and fall of chest, paradoxical breathing, position of patient, tracheal deviation                                                                                |                          |                          |                          |                          |
| Explain what sounds are heard in partial obstruction and complete obstruction                                                                                                                                            | Partial = noisy breathing, snoring, gurgling, periods of apnoea followed by hyperventilation or all of these<br>Complete = (unless treated) will lead to hypoxia within 1 or 2 minutes with bradycardia and death a few minutes later                                                                                                         |                          |                          |                          |                          |
| Describes the anatomy of the airway                                                                                                                                                                                      | naso-pharynx – oropharynx – laryngopharynx – larynx                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Consent issues<br><br>Explanation to patient including possible complications                                                                                                                                            | Explains any planned intervention correctly to a conscious, semi-conscious or unconscious patient<br>Explains the ethical issues concerning consent in an unconscious patient – act in patients best interest<br>Discusses any possible complications such as<br>Invoking gag reflex, inducing vomiting, causing trauma to soft tissues,      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Should you administer oxygen therapy?                                                                                                                                                                                    | If the airway is compromised in any way always add oxygen if it is possible to do so.                                                                                                                                                                                                                                                         |                          |                          |                          |                          |
| Prepares equipment                                                                                                                                                                                                       | Ensures all airway equipment is ready for use<br>Demonstrates what checks need to be undertaken prior to the use of airway equipment - intact, gas flow, reservoir bag fills, pressure relief valve works when occluded if present.<br>Suction equipment should be ready for use                                                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Demonstrates technical ability –                                                                                                                                                                                         | Demonstrates airway opening manoeuvres - head tilt-chin lift and jaw thrust, explains when each manoeuvre should be used - Jaw thrust in suspected 'C' spine injury                                                                                                                                                                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
|                                                                                                                                                                                                                          | Re assessment of airway and ventilation following this to confirm air entry or further intervention indicated                                                                                                                                                                                                                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
|                                                                                                                                                                                                                          | <b>Suction</b><br>Knows indication for and demonstrates use of a wide bore rigid sucker (Yankeur) – by direct vision only, down the sides, gently, suction on removal.<br>Knows indication for and demonstrates use of fine bore flexible suction catheter – used in conjunction with a naso-pharyngeal tube when oral access is not possible | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |

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|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                           | <p>Re assessment of airway and ventilation following this</p> <p><b>Oropharyngeal airway</b><br/> Discusses indications and contraindications - consciousness, oral trauma<br/> Demonstrates correct technique for sizing the device – Measures from angle of mandible to centre of incisors or gums – or vertically level with incisors or gums<br/> Demonstrates correct insertion technique – inserts upside down and then rotates through 180 degrees<br/> Re assessment of airway and ventilation following this</p> <p><b>Nasopharyngeal airway</b><br/> Discusses indications and contraindications = # base of skull, # mid-third of face, nasal polyps, deviated septum, coagulopathy<br/> Demonstrates correct technique for sizing device – size 6 for an adult female or small male, size 7 for an adult male or large female<br/> Demonstrates correct insertion technique<br/> Re assessment of airway and ventilation following this</p> |                          |                          |                          |                          |
| Post-procedure management                 | Waste disposal in accordance with Trust guidelines<br>Washes hands<br>Thanks patient<br>Seeks help if needed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Professionalism                           | Communicates to team members<br>Thanks staff                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Overall ability to perform procedure      | Assess globally, would you be happy for this student to be supervised to perform basic airway management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Self-assessed as at least borderline:     | Signature: _____ Date: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                          |                          |                          |
| Peer-assessed ready for tutor assessment: | Signature: _____ Date: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                          |                          |                          |
| Tutor assessed as satisfactory:           | Signature: _____ Date: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                          |                          |                          |

Notes

F = Fail

B = Borderline

P = Pass

G = Good

E = Excellent

AC1 Basic Airway Management T-DOCS Revised by Clinical education Tutors June 2023