



National Registry of Emergency Medical Technicians
Advanced Level Practical Examination

DUAL LUMEN AIRWAY DEVICE (COMBITUBE® OR PTL®)

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

NOTE: If candidate elects to initially ventilate with BVM attached to reservoir and oxygen, full credit must be awarded for steps denoted by “**” so long as first ventilation is delivered within 30 seconds.

| | Possible Points | Points Awarded |
|--|-----------------|----------------|
| Takes or verbalizes body substance isolation precautions | 1 | |
| Opens the airway manually | 1 | |
| Elevates tongue, inserts simple adjunct [oropharyngeal or nasopharyngeal airway] | 1 | |
| NOTE: Examiner now informs candidate no gag reflex is present and patient accepts adjunct | | |
| **Ventilates patient immediately with bag-valve-mask device unattached to oxygen | 1 | |
| **Hyperventilates patient with room air | 1 | |
| NOTE: Examiner now informs candidate that ventilation is being performed without difficulty | | |
| Attaches oxygen reservoir to bag-valve-mask device and connects to high flow oxygen regulator [12-15 L/minute] | 1 | |
| Ventilates patient at a rate of 10-12/minute with appropriate volumes | 1 | |
| NOTE: After 30 seconds, examiner auscultates and reports breath sounds are present and equal bilaterally and medical control has ordered insertion of a dual lumen airway. The examiner must now take over ventilation. | | |
| Directs assistant to pre-oxygenate patient | 1 | |
| Checks/prepares airway device | 1 | |
| Lubricates distal tip of the device [may be verbalized] | 1 | |
| NOTE: Examiner to remove OPA and move out of the way when candidate is prepared to insert device | | |
| Positions head properly | 1 | |
| Performs a tongue-jaw lift | 1 | |
| <input type="checkbox"/> USES COMBITUBE® <input type="checkbox"/> USES PTL® | | |
| Inserts device in mid-line and to depth so printed ring is at level of teeth | 1 | |
| Inflates pharyngeal cuff with proper volume and removes syringe | 1 | |
| Inflates distal cuff with proper volume and removes syringe | 1 | |
| Attaches/directs attachment of BVM to the first [esophageal placement] lumen and ventilates | 1 | |
| Confirms placement and ventilation through correct lumen by observing chest rise, auscultation over the epigastrium, and bilaterally over each lung | 1 | |
| NOTE: The examiner states, “You do not see rise and fall of the chest and you only hear sounds over the epigastrium.” | | |
| Attaches/directs attachment of BVM to the second [endotracheal placement] lumen and ventilates | 1 | |
| Confirms placement and ventilation through correct lumen by observing chest rise, auscultation over the epigastrium, and bilaterally over each lung | 1 | |
| NOTE: The examiner confirms adequate chest rise, absent sounds over the epigastrium, and equal bilateral breath sounds. | | |
| Secures device or confirms that the device remains properly secured | 1 | |
| TOTAL | 20 | |

CRITICAL CRITERIA

- _____ Failure to initiate ventilations within 30 seconds after taking body substance isolation precautions or interrupts ventilations for greater than 30 seconds at any time
- _____ Failure to take or verbalize body substance isolation precautions
- _____ Failure to voice and ultimately provide high oxygen concentrations [at least 85%]
- _____ Failure to ventilate patient at a rate of 10-12/minute
- _____ Failure to provide adequate volumes per breath [maximum 2 errors/minute permissible]
- _____ Failure to pre-oxygenate patient prior to insertion of the dual lumen airway device
- _____ Failure to insert the dual lumen airway device at a proper depth or at either proper place within 3 attempts
- _____ Failure to inflate both cuffs properly
- _____ **Combitube** - failure to remove the syringe immediately after inflation of each cuff
- _____ **PTL** - failure to secure the strap prior to cuff inflation
- _____ Failure to confirm that the proper lumen of the device is being ventilated by observing chest rise, auscultation over the epigastrium, and bilaterally over each lung
- _____ Inserts any adjunct in a manner dangerous to patient

You must factually document your rationale for checking any of the above critical items on the reverse side of this form.