

## ADULT ENDOTRACHEAL INTUBATION SKILL

STATION TIME IS 8 MINUTES		DATE:
CANDIDATE'S NAME:		SCHOOL #:
<input type="checkbox"/> EMTI <input type="checkbox"/> EMTP	<input type="checkbox"/> INITIAL COURSE <input type="checkbox"/> RENEWAL	START TIME:
	<input type="checkbox"/> EQUIVALENCY <input type="checkbox"/> RETEST	END TIME:

- |   |   |     |  |
|---|---|-----|--|
| 0 | 2 | *1  | Instructs partner to hyperventilate the patient  |
| 0 | 1 | 2   | *2 Assembles and checks appropriate equipment  |
| 0 | 2 | 3   | Instructs partner to stop ventilations and remove mask   |
| 0 | 2 | 4   | Removes oral airway  |
| 0 | 2 | 5   | Places patient's head in sniffing or in-line position  |
| 0 | 2 | *6  | Inserts laryngoscope and lifts without using teeth as fulcrum  |
| 0 | 2 | *7  | Inserts tube into trachea in three (3) attempts or less and insures that ventilations are resumed within 30 seconds on each attempt<br><input type="checkbox"/> 1st attempt <input type="checkbox"/> 2nd attempt <input type="checkbox"/> 3rd attempt<br><b>NOTE:   Examiner shall record elapsed time between successful ventilations on each attempt</b> |
| 0 | 2 | 8   | Performs steps 1 - 7 in order  |
| 0 | 2 | *9  | Confirms tube placement by auscultation  |
| 0 | 2 | *10 | Inflates cuff to local standard and removes syringe  |
| 0 | 2 | 11  | Performs steps 9 and 10 prior to step 12   |
| 0 | 2 | *12 | Secures tube in mouth  |
| 0 | 2 | *13 | Insures tube is held in place through step 12  |
| 0 | 2 | *14 | Reconfirms tube placement  |
| 0 | 2 | *15 | Inserts bite block or oral airway  |

<input type="checkbox"/> Candidate's total Points (minimum passing total: 21 points)	
Absolutes satisfied: <input type="checkbox"/> Yes <input type="checkbox"/> No (Must have at least one point for each step marked with an *)	Pass <input type="checkbox"/> Fail
Examiner:	Cert. No. (If assigned):

**Documenting Comments:**

# ADULT ENDOTRACHEAL INTUBATION CRITERIA

## TIME ALLOWED FOR SKILL PERFORMANCE - 8 MINUTES

### PERFORMANCE OBJECTIVE

Given an adult intubation mannequin with an oral airway in place and appropriate equipment, the candidate shall, within the allotted station time, insert an endotracheal tube and verify proper placement using criteria herein prescribed.

### TESTING CONDITIONS

1. The Examiner shall insure that station is conducted as a testing station and **NOT** as a teaching session.
2. The station shall test only the skill of Adult Endotracheal Intubation and shall NOT be conducted as a part of any other skill or scenario.
3. Candidates shall be tested in private and one candidate at a time.
4. The candidate shall be assisted by a partner who shall perform as an EMT who is ventilating the patient. The partner shall be a non-candidate or a previously tested candidate. The Examiner shall NOT be used as the partner.
5. Examiner shall require gloves and protective eyewear to be in place before station time begins. Other protective barriers are recommended.

### STATION EQUIPMENT

1. Adult intubation mannequin with oral airway in place
2. Adult cuffed endotracheal tube of appropriate size
3. Stylette for adult endotracheal tube
4. Laryngoscope handle with spare batteries
5. Adult laryngoscope blades, curved and straight, with spare bulbs
6. Adult bag-valve-mask with oxygen reservoir
7. Syringe (appropriate size)
8. Stethoscope
9. Lubricating gel
10. Can of silicone spray
11. Tape/tube restraint
12. Bite block (optional)
13. Gloves and protective eyewear
14. Watch or clock with reading in seconds

### INSTRUCTIONS TO THE EXAMINER

1. The Course Coordinator, lead Instructor, and Examiner are responsible for insuring the presence of all necessary equipment and also for insuring that all equipment is in working order prior to beginning the test session.
2. The Examiner will NOT remove or hide equipment required to complete the skill.
3. Before the test session begins, the candidate shall be allowed to familiarize with the equipment. During this time the Examiner shall answer any questions the candidate has about the equipment.
4. The Examiner shall insure that tube is properly lubricated.

5. The Examiner shall inform candidate that demonstration of a simple intubation is required.
6. Scenarios must NOT be used except as indicated by the criteria.
7. The Examiner shall prompt candidate ONLY as indicated by the criteria.
8. The following guidelines MUST be adhered to:
  - a. Maximum of three (3) attempts at any one examination
  - b. Candidate may request assistant to perform Sellick's maneuver (cricoid pressure)
  - c. Further intubation attempts must begin with step number 1, may omit step number 2, and must be completed within the allotted station time.
  - d. Cuff inflation to local standard in step number 10 refers to type of tube used (low/high volume).
9. At no point will ventilations stop for more than 30 seconds.
10. Station time shall begin immediately after Examiner finishes examination instructions and informs candidate to begin.
11. The Examiner shall record starting and ending times in the appropriate section of the score sheet.
12. Station time shall NOT be restarted or extended for any reason.
13. If station time limit is exceeded, Examiner shall end the test, record skill as failure.
14. Sequence errors shall NOT be penalized unless specified by the grading criteria.
15. Additional steps not called for in criteria shall NOT be penalized as sequence errors.
16. Documentation by narrative is required on all steps awarded a "0" and on all skills failures.
17. Candidate shall NOT fail because of Examiner or assistant error.

## **GRADING CRITERIA**

- \*1. **Instructs partner to hyperventilate the patient**  
 2 = Performs step  
 0 = Omits step
  
- \*2. **Assembles and checks appropriate equipment**
  - a. Checks ET cuff
  - b. Assembles laryngoscope
  - c. Checks blade/bulb
  - d. Simulates lubrication of tube
  - e. Inserts stylette so that it does not extend beyond the distal end of tube or beyond Murphy's eye (use of stylette is optional)  
 2 = Performs above criteria ("e" is optional)  
 1 = Omits "a", "c", or "d"  
 0 = Omits "b" or inserts stylette in manner other than described in "e"
  
3. **Instructs partner to stop ventilations and remove mask**  
 2 = Performs step  
 0 = Omits step
  
4. **Removes oral airway**  
 2 = Performs step

- 0 = Omits step
5. **Places patient's head in sniffing or in-line position**  
2 = Performs step  
0 = Omits step
- \*6. **Inserts laryngoscope and lifts without using teeth as fulcrum**  
2 = Performs step  
0 = Omits step OR uses teeth as fulcrum

- \*7. **Inserts tube into trachea in three (3) attempts or less and insures that successful ventilations are resumed within 30 seconds on each attempt**  
NOTE: Examiner shall record elapsed time between successful ventilations on each attempt
- Inserts tube in trachea in three (3) attempts or less
  - Removes stylette if used
  - Insures that ventilations are resumed within 30 seconds of time they ceased
- 2 = Performs above criteria  
0 = Omits "a", "b", or "c"
8. **Performs steps 1 - 7 in order**  
2 = Performs as above  
0 = Does not perform as above
- \*9. **Confirms tube placement by auscultation**
- Auscultates epigastrium
  - Auscultates for bilateral breath sounds
- 2 = Performs above criteria  
0 = Does not perform above criteria
- \*10. **Inflates cuff to local standard and removes syringe**  
2 = Performs step  
0 = Omits step
11. **Performs steps 9 and 10 prior to step 12**  
2 = Performs as above  
0 = Does not perform as above
- \*12. **Secures tube in mouth**  
2 = Performs step  
0 = Omits step
- \*13. **Insures tube is held in place through step 12**  
2 = Performs step  
0 = Omits step
- \*14. **Reconfirms tube placement**  
2 = Performs step  
0 = Omits step
- \*15. **Inserts bite block or oral airway**  
2 = Performs step  
0 = Omits step