

## INFANT ENDOTRACHEAL INTUBATION

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, if mannequin permits
- 0      2      \*6    Inserts laryngoscope and lifts without using teeth/gums 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

1st attempt    2nd attempt    3rd attempt

**Note: Examiner shall record elapsed time between each successful ventilation**

- 0      2      \*8    Confirms tube placement by auscultation
- 0      2      9      Performs steps 1 - 8 in order
- 0      2      \*10   Secures tube in mouth
- 0      2      \*11   Insures tube is held in place through step 10
- 0      2      \*12   Reconfirms tube placement
- 0      2      \*13   Inserts bite block or oral airway

<input type="checkbox"/> Candidate's total Points (minimum passing total: 18 points)	
Absolutes satisfied: <input type="checkbox"/> Yes <input type="checkbox"/> No (Must have at least one point for each step marked with an *)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Examiner:	Cert. No. (If assigned):

**Documenting Comments:**

# INFANT ENDOTRACHEAL INTUBATION CRITERIA

TIME ALLOWED FOR SKILL PERFORMANCE - 8 MINUTES

## PERFORMANCE OBJECTIVE

Given an infant 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 the 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 Infant 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. Infant intubation mannequin with oral airway in place
2. Infant uncuffed endotracheal tube of appropriate size
3. Stylette for pediatric endotracheal tube
4. Laryngoscope handle with spare batteries
5. Infant laryngoscope blades, curved and straight, with spare bulbs
6. Infant bag-valve-mask with oxygen reservoir
7. Stethoscope
8. Lubricating gel
9. Can of silicone spray
10. Tape/tube restraint
11. Bite block (optional)
12. Gloves and protective eyewear
13. 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. Step number 5 shall be awarded if mannequin type does not permit head alignment.
9. The following guidelines **MUST** be adhered to:
  - a. Maximum of three (3) attempts at any one examination
  - b. Further intubation attempts must begin with step number 1, may omit step number 2, and must be completed within the allotted time.
10. At no point will ventilations stop for more than 30 seconds.
11. Station time shall begin immediately after Examiner finishes examination instructions and informs candidate to begin.
12. The Examiner shall record starting and ending times in the appropriate section of the score sheet.
13. Station time shall **NOT** be restarted or extended for any reason.
14. If station time limit is exceeded, Examiner shall end the test, record skill as failure.
15. Sequence errors shall **NOT** be penalized unless specified by the grading criteria.
16. Additional steps not called for in criteria shall **NOT** be penalized as sequence errors.
17. Documentation by narrative is required on all steps awarded a "0" and on all skills failures.
18. 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. Assembles laryngoscope
  - b. Checks blade/bulb
  - c. Simulates lubrication of tube
  - d. Inserts stylette so that it does not extend beyond distal end of tube or beyond Murphy's eye (use of stylette is optional)  
 2 = Performs above criteria  
 1 = Omits "b" or "c"  
 0 = Omits "a" or inserts stylette in manner other than described in "d"
  
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, if mannequin permits**

2 = Performs step  
0 = Omits step

\*6. **Inserts laryngoscope and lifts without using teeth/gums as fulcrum**

2 = Performs step  
0 = Omits step

Uses teeth as fulcrum

\*7. **Inserts tube into trachea in three (3) attempts or less and insures that ventilations are resumed within 30 seconds on each attempt**

**NOTE: Examiner shall record elapsed time between successful ventilations**

- a. Inserts tube into trachea in three (3) attempts or less
- b. Removes stylette if used
- c. Insures that ventilations are resumed within 30 seconds of time they ceased

2 = Performs above criteria  
0 = Omits "a", "b", or "c"

\*8. **Confirms tube placement by auscultation**

- a. Auscultates epigastrium
- b. Auscultates for bilateral breath sounds

2 = Performs above criteria  
0 = Omits any portion of step

9. **Performs steps 1 - 8 in order**

2 = Performs as above  
0 = Does not perform as above

\*10. **Secures tube in mouth**

2 = Performs step  
0 = Omits step

\*11. **Insures that tube is held in place through step 10**

2 = Performs step  
0 = Omits step

\*12. **Reconfirms tube placement**

2 = Performs step  
0 = Omits step

\*13. **Inserts bite block or oral airway**

2 = Performs step  
0 = Omits step