

NEEDLE CRICOTHYROTOMY & TRANSTRACHEAL JET VENTILATION ENHANCED SKILL

CANDIDATE'S NAME:		DATE:
___ EMTP		SCHOOL #:
___ INITIAL	___ RENEWAL	___ EQUIVALENCY
		___ RETEST
STATION TIME 5 MINUTES	START TIME:	END TIME:

- | | | | |
|---|---|----|--|
| 0 | 2 | *1 | Prepare and assemble equipment |
| 0 | 2 | *2 | Locate cricothyroid membrane |
| 0 | 2 | *3 | Prepare site |
| 0 | 2 | 4 | Stabilize cartilage and puncture membrane with appropriate catheter with syringe |
| 0 | 2 | *5 | Confirm placement with aspiration of air |
| 0 | 2 | *6 | Remove needle and syringe |
| 0 | 2 | *7 | Attach jet ventilator tubing |
| 0 | 2 | 8 | Ventilate and confirm placement with breath sounds and at least one adjunct. |
| 0 | 2 | *9 | Secure catheter |

_____ Candidate's Total Points (Minimum passing total: 17 points)	
Absolutes satisfied: _____ Yes _____ No (Must have at least one point for each step marked with an *)	_____ Pass _____ Fail
Examiner:	Cert. No. (if assigned):

Documenting Comments:

NEEDLE CRICOTHYROTOMY & TRANSTRACHEAL JET VENTILATION ENHANCED CRITERIA

TIME ALLOWED FOR SKILL PERFORMANCE - 5 MINUTES

PERFORMANCE OBJECTIVE

Given a surgical airway manikin, and appropriate equipment, the candidate shall within the allotted station time, appropriately perform a needle cricothyrotomy airway and ventilate with a jet ventilator on the manikin.

TESTING CONDITIONS

1. The examiner shall insure that the station is conducted as a testing station and **NOT** as a teaching station.
2. The station shall test only this skill and not be part of another skill or scenario.
3. Candidates shall be tested in private and one candidate at a time.

STATION EQUIPMENT

1. 14-gauge catheter
2. Size 3 ETT
3. Jet ventilator with tubing
4. Alcohol or betadine preps
5. 1 inch tape
6. Bandaging equipment
7. 10 cc syringe

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. Scenarios must **NOT** be used except as indicated by the criteria.
5. The Examiner shall prompt candidate **ONLY** as indicated by the criteria.
6. Use of betadine may be verbalized to preserve training model.
7. Station time shall begin immediately after Examiner finishes examination instructions and informs candidate to begin.
8. The Examiner shall record starting and ending times in the appropriate section of the score sheet.
9. Station time shall **NOT** be restarted or extended for any reason.
10. If station time limit is exceeded, Examiner shall end the test, record skill as failure.

11. Sequence errors shall **NOT** be penalized unless specified by the grading criteria.
12. Additional steps not called for in criteria shall **NOT** be penalized as sequence errors.
13. Documentation by narrative is required on all steps awarded a "0" and on all skills failures.
14. Candidate shall **NOT** fail because of Examiner error.

GRADING CRITERIA

1. **Prepares and assembles equipment.**
2 = Performs step
0 = Omits step
2. **Locates cricothyroid membrane.**
2 = Performs step.
0 = Omits step.
3. **Prepares site.**
2 = Performs step
0 = Omits step
4. **Stabilize cartilage and punctures membrane with catheter attached to syringe.**
2 = Performs step
0 = Omits step
5. **Confirms placement with aspiration of air.**
2 = Performs step.
0 = Omits step
6. **Removes needle and syringe.**
2 = Performs step
0 = Omits step
7. **Attaches jet vent tubing.**
2 = Performs step
0 = Omits step
8. **Ventilates and confirms placement with breathsounds and at least one adjunct.**
2 = Performs step.
0 = Omits step
9. **Secures catheter in place.**
2 = Performs step.
0 = Omits step.

