

ADULT ENDOTRACHEAL INTUBATION

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

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

a. Inserts tube in 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. Performs steps 1 - 7 in order

2 = Performs as above

0 = Does not perform as above

***9. Confirms tube placement by auscultation**

a. Auscultates epigastrium

b. 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

ADULT 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 <input type="checkbox"/> EQUIVALENCY <input type="checkbox"/> RETEST	START TIME:	
		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
_____ 1st attempt _____ 2nd attempt _____ 3rd attempt |
- NOTE: Examiner shall record elapsed time between successful ventilations on each attempt
- | | | |
|---|---|--|
| 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 |

_____ 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 *)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Examiner:	Cert. No. (If assigned):	

Documenting Comments:

DEFIBRILLATION/CARDIOVERSION

TIME ALLOWED FOR SKILLS PERFORMANCE - 5 MINUTES PER COMPONENT

PERFORMANCE OBJECTIVE

Given a patient whose condition meets criteria for defibrillation or cardioversion, the candidate shall, within the allotted station time, demonstrate the proper technique for defibrillation/synchronized cardioversion, 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 Defibrillation/Cardioversion and shall **NOT** be conducted as a part of any other skill or scenario.
3. Candidates shall be examined in private and one candidate at a time.
4. Examiner shall require gloves to be in place before station time begins. Other protective barriers are recommended.

STATION EQUIPMENT:

1. Dysrhythmia generator
2. Adult mannequin that can be countershocked
3. EKG monitor with defibrillator capable of synchronized cardioversion
4. EKG electrodes
5. EKG cables
6. EKG defibrillation pads or EKG gel
7. Gloves and protective eyewear
8. 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. Scenarios must **NOT** be used except as indicated by the criteria.
5. The Examiner shall prompt candidate **ONLY** as indicated by the criteria.
6. The Examiner will provide information regarding the patient's history **ONLY** as indicated in the criteria.
7. The Defibrillator/Cardioverter should be initially set to the lowest possible setting.

8. The EKG monitor should be properly calibrated to recognize "R" waves.
9. Once a test session has begun, it must be completed within the allotted time with **NO** restart allowed.
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 error.

**CURRENT AMERICAN HEART ASSOCIATION A.C.L.S. STANDARDS
FOR DEFIBRILLATION/CARDIOVERSION**

DEFIBRILLATION

First Defibrillation: 200 joules delivered energy

Second Defibrillation: 200 to 300 joules delivered energy

Third Defibrillation: 360 joules delivered energy (maximum output)

Fourth Defibrillation: 360 joules delivered energy (maximum output)

Fifth Defibrillation: 360 joules delivered energy (maximum output)

**CARDIOVERSION
Conscious Patient**

1st Synchronized Cardioversion: 100 joules delivered energy

2nd Synchronized Cardioversion: 200 joules delivered energy

3rd Synchronized Cardioversion: 300 joules delivered energy

4th Synchronized Cardioversion: 360 joules delivered energy
(maximum output)

NOTE: Maximum output - Defibrillators without a 360 joule setting shall be set at the next highest setting.

DEFIBRILLATION GRADING CRITERIA

Examiner will set arrhythmia generator to generate course Ventricular Fibrillation and will change it to Normal Sinus Rhythm after step 8 is successfully completed.

Examiner states: "The patient is an average size adult that meets the criteria for defibrillation."

1. Turns on monitor and sets to "Paddles" or the appropriate setting for hands free defibrillator

2 = Performs step before paddle/pad placement

1 = Sets switch incorrectly but corrects after paddle/pad placement and before rhythm identification
Does not turn on monitor before paddle/pad placement

0 = Sets switch incorrectly and does not correct before rhythm identification

2. Properly places paddles/pads on patient

Simulates application of defibrillation pads to patient or EKG gel to paddles, places one EKG paddle/pad just to the right of the upper sternum below the right clavicle and places the other EKG paddle/pad just below and to the left of the left nipple.

2 = Performs above criteria

1 = Does not simulate application of defibrillation pads to patient or EKG gel to paddles

0 = Places paddles incorrectly

NOTE: Candidate shall NOT be penalized for reversing paddle polarity.

***3. With proper paddle/pad placement, confirms rhythm by looking at monitor (Confirmation must be verbalized)**

2 = Performs above criteria

0 = Does not perform above criteria

***4. Determines pulselessness (Checks pulse and/or asks Examiner if there is a pulse)**

NOTE: After student checks pulse or asks if there is a pulse, Examiner shall state "No Pulse."

2 = Checks carotid pulse and/or asks Examiner if there is a pulse

1 = Checks femoral pulse

0 = Checks pulse other than carotid or femoral or does not ask if there is a pulse

***5. Sets defibrillator to the proper energy setting for the first defibrillation**

NOTE: Examiner will then direct candidate to set defibrillator to lowest level that will activate the arrhythmia generator.

2 = Performs step

0 = Sets defibrillator to an inappropriate level

***6. Charges defibrillator**

2 = Performs step

0 = Omits step

***7. Instructs personnel to clear and confirms that personnel are clear**

- a. Instructs personnel to clear
- b. Confirms that no one is in contact with the patient, bed, or conductive equipment attached to the patient

NOTE: Examiner shall tell candidate: "Your personnel are clear."

- 2 = Performs above criteria
- 0 = Does not perform above criteria

***8. With proper paddle/pad placement, reconfirms rhythm by looking at monitor and defibrillates patient (Reconfirmation must be verbalized).**

- 2 = Performs above criteria
- 0 = Does not perform above criteria

9. With proper paddle/pad placement confirms rhythm by looking at monitor (Confirmation must be verbalized).

- 2 = Performs above criteria
- 0 = Does not perform above criteria

***10. Checks pulse (and/or asks Examiner if there is a pulse)**

- 2 = Checks carotid pulse and/or asks Examiner if there is a pulse
- 1 = Checks femoral pulse
- 0 = Checks pulse other than carotid or femoral or does not ask if there is a pulse

***11. Performs steps 1 - 10 in proper order**

NOTE: Examiner will terminate the examination at this point. Candidate shall NOT be required to repeat cycle.

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

CARDIOVERSION GRADING CRITERIA

Examiner will set arrhythmia generator to generate Ventricular Tachycardia and will leave it at that setting throughout the station.

Examiner states: "Patient meets the criteria for synchronized cardioversion."

1. Simulates placement of EKG leads in Lead 2 configuration

Simulates placement of EKG leads in the following position:
NEGATIVE ELECTRODE - Right arm or right upper chest
POSITIVE ELECTRODE - Left leg, left lower chest
GROUND ELECTRODE - Placement is not critical

2=Performs above criteria

0=Does not perform above criteria

2. Turns on monitor and sets to "Lead 2"

2 = Performs above criteria

1 = Sets to "Lead 1" or "Lead 3"

0 =Does not turn monitor on

Sets monitor to "Paddles"

***3. Confirms rhythm by looking at monitor (Confirmation must be verbalized)**

NOTE: Candidate will NOT be penalized if he mentions sedating the patient.

2 = Performs step

0 = Omits step

4. Checks pulse (and/or asks Examiner if there is a pulse)

2 = Checks carotid pulse and/or asks Examiner if there is a pulse

1 = Checks femoral pulse

0 = Checks pulse other than carotid or femoral or does not ask if there is a pulse

5. Simulates proper application of defibrillator pads or EKG gel to paddles

NOTE: Proper paddle or pad placement places one EKG paddle or pad just to the right of the upper sternum below the right clavicle and the other EKG paddle or pad just below and to the left of the left nipple.

2 = Performs step

0 = Omits step

CARDIOVERSION (Continued)

***6. Sets cardioverter to the appropriate level for the first cardioversion**

NOTE: Examiner will direct candidate to set cardioverter to lowest level that will activate the arrhythmia generator.

2 = Performs step
0 = Sets cardioverter to an inappropriate level
Omits step

***7. Activates synchronizer**

2 = Performs step
0 = Omits step

***8. Charges cardioverter**

2 = Performs step
0 = Omits step

***9. Performs steps 1 - 7 before step 9**

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

***10. Instructs personnel to clear and confirms that personnel are clear**

- a. Instructs personnel to clear
- b. Confirms that no one is in contact with the patient, bed, or conductive equipment attached to the patient

NOTE: Examiner shall tell candidate: "Your personnel are clear."

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

***11. Reconfirms rhythm by looking at monitor and performs synchronized cardioversion (Reconfirmation must be verbalized)**

- a. Reconfirms rhythm
- b. Delivers shock with the proper paddle/pad placement

2 = Performs above criteria
1 = Does not reconfirm rhythm
0 = Does not deliver shock
Places the paddles/pads incorrectly

NOTE: Candidate shall NOT be penalized for reversing paddle polarity.

***12. Confirms rhythm by looking at monitor (Confirmation must be verbalized)**

2 = Performs step
0 = Omits step

CARDIOVERSION (Continued)

***13. Performs steps 10 - 12 in proper order**

2 = Performs as above

0 = Does not perform as above

NOTE: Examiner states: "Patient's condition is unchanged."

***14. Checks pulse (and/or asks Examiner if there is a pulse)**

2 = Checks carotid pulse and/or asks Examiner if there is a pulse

1 = Checks femoral pulse

0 = Checks pulse other than carotid or femoral or does not ask if there is a pulse

***15. Sets cardioverter to the appropriate level for the second cardioversion**

NOTE: Examiner will direct candidate to set cardioverter to lowest level that will activate the arrhythmia generator.

2 = Performs step

0 = Sets cardioverter to an inappropriate level

***16. Activates synchronizer**

2 = Performs step

0 = Omits step

NOTE: Examiner will terminate the examination at this point. Candidate shall NOT be required to repeat cycle.

DEFIBRILLATION

STATION TIME IS 5 MINUTES	DATE:	SCHOOL #:
CANDIDATE=S NAME:		START TIME:
___ INITIAL COURSE ___ EQUIVALENCY ___ RENEWAL ___ RETEST		END TIME:

- 0 1 2 1. Turns on monitor and sets to "Paddles" or the appropriate setting for hands free defibrillator
- 0 1 2 2. Properly places paddles/pads on patient
- 0 2 *3. With proper paddle/pad placement confirms rhythm by looking at monitor (Confirmation must be verbalized)
- 0 1 2 *4. Determines pulselessness (Checks pulse and/or asks Examiner if there is a pulse)
- 0 2 *5. Sets defibrillator to the proper energy setting for the first defibrillation
- 0 2 *6. Charges defibrillator
- 0 2 *7. Instructs personnel to clear and confirms that personnel are clear
- 0 2 *8. With proper paddle/pad placement reconfirms rhythm by looking at monitor and defibrillates patient (Reconfirmation must be verbalized)
- 0 2 9. With proper paddle/pad placement confirms rhythm by looking at monitor (Confirmation must be verbalized)
- 0 1 2 *10. Checks pulse (and/or asks Examiner if there is a pulse)
- 0 2 *11. Performs steps 1-10 in proper order

___ Candidate=s total Points (minimum passing total: 15 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:

CARDIOVERSION

STATION TIME IS 5 MINUTES

DATE:

SCHOOL #:

CANDIDATE=S NAME:

START TIME:

___ INITIAL COURSE ___ EQUIVALENCY ___ RENEWAL ___ RETEST

END TIME:

- | | | |
|---|-----|--|
| 0 | 2 | 1. Simulates placement of EKG leads in Lead 2 configuration |
| 0 | 1 2 | 2. Turns monitor on and sets to "Lead 2" |
| 0 | 2 | *3. Confirms rhythm by looking at monitor (Confirmation must be verbalized) |
| 0 | 1 2 | *4. Checks pulse (and/or asks Examiner if there is a pulse) |
| 0 | 2 | 5. Simulates proper application of defibrillator pads or EKG gel to paddles |
| 0 | 2 | *6. Sets cardioverter to the appropriate level for the first cardioversion |
| 0 | 2 | *7. Activates synchronizer |
| 0 | 2 | *8. Charges cardioverter |
| 0 | 2 | *9. Performs steps 1 - 7 before step 9 |
| 0 | 2 | *10. Instructs personnel to clear and confirms that personnel are clear |
| 0 | 1 2 | *11. Reconfirms rhythm by looking at monitor and performs synchronized cardioversion (Reconfirmation must be verbalized) |
| 0 | 2 | *12. Confirms rhythm by looking at monitor (Confirmation must be verbalized) |
| 0 | 2 | *13. Performs steps 10 - 12 in proper order |
| 0 | 1 2 | *14. Checks pulse (and/or asks Examiner if there is a pulse) |
| 0 | 2 | *15. Sets cardioverter to the appropriate level for the second cardioversion |
| 0 | 2 | *16. Activates synchronizer |

_____ Candidate=s total Points (minimum passing total: 22 points)

Absolutes satisfied: ___ Yes ___ No

(Must have at least one point for each step marked with an *)

___ Pass

___ Fail

Examiner:	Cert. No. (If assigned):
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Documenting Comments:

DRUG ADMINISTRATION

Intramuscular Injection, Subcutaneous Injection, I.V. Push, Endotracheal, and Piggyback

TIME ALLOWED FOR SKILL PERFORMANCE - 5 MINUTES PER SKILL

PERFORMANCE OBJECTIVE

Given a training model, I.V. arm or I.V. hand, and an adult intubation mannequin or other appropriate equipment, the candidate shall, within the allotted station time, be able to recognize and select appropriate medication as per order, identify an appropriate site, and administer drug 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 Drug Administration 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. Examiner shall require gloves to be in place before station time begins. Other protective barriers are recommended.

STATION EQUIPMENT

1. Training model, I.V. arm or I.V. hand, or other equipment suitable for injection
2. Adult intubation mannequin or other equipment suitable for intubation
3. Drug box containing the following items:
 - a. At least three (3) drugs from local protocol in various types of containers (There must be at least one (1) drug suitable for each type of administration -- intramuscular, subcutaneous, I.V. push, endotracheal, and piggyback.)
 - b. Several sizes of syringes/needles
 - c. Gauze pads/Band-Aids
 - d. Alcohol/betadine preps
 - e. Sharps Container
 - f. I.V. solutions as per local protocol
 - g. Primary I.V. tubing
 - h. Secondary I.V. tubing
 - i. Stopcock (optional)
 - j. I.V. catheter
 - k. I.V. stand
 - l. Endotracheal intubation tube
 13. Bag valve mask
 - n. Gloves and protective eyewear
 - o. 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. Scenarios must **NOT** be used except as indicated by the criteria.
5. The Examiner shall prompt candidate **ONLY** as indicated by the criteria.
6. Examiner acting as medical control shall specify drug, dose (in cc's), syringe, and needle size appropriate for intramuscular injection, subcutaneous injection, I.V. push, endotracheal and piggyback.
7. Choose a drug which is contained in the drug box for the I.V. push segment. Instruct the candidate to select that drug, administer it, and set the drip rate to 30 drops per minute. (Rate is often a consideration in the administration of specific drugs. This station, however, is a test of psychomotor skills, not a test of the candidate's knowledge of specific drugs.)
8. Choose a drug which is contained in the drug box for the piggyback segment. Instruct the candidate to select that drug, add it to the secondary IV bag, connect it to the IV line, and set the drip rate to 30 drops per minute. (Rate is always a consideration in the piggyback administration of drugs. This station, however, is a test of psychomotor skills, not a test of the candidate's knowledge of specific drugs.)
9. Inform candidate I.V. is flowing at a rate of 30 drops per minute.
10. The use of betadine may be verbalized to protect the training model.
11. Examiner shall require candidate to identify by pointing to (touching) an appropriate site on his/her self for an intramuscular injection and a subcutaneous injection.
12. Actual injections will be given on appropriate equipment.
13. When questioned about allergies, Examiner shall state, "There are no allergies."
14. Once a test session has begun, it must be completed within the allotted station time. Restarts, if any, must take place before step 12 for intramuscular injection and before step 13 for subcutaneous injection.
15. Station time shall begin immediately after Examiner finishes examination instructions and informs candidate to begin.
16. The Examiner shall record starting and ending times in the appropriate section of the score sheet.
17. Station time shall **NOT** be restarted or extended for any reason.
18. If station time limit is exceeded, Examiner shall end the test, record skill as failure.

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

INTRAMUSCULAR DRUG ADMINISTRATION GRADING CRITERIA

***1. Avoids contamination of equipment**

2 = Does not contaminate equipment
0 = Contaminates equipment

***2. Confirms order (medication, dosage, and route)**

2 = Performs step
0 = Omits any portion of step

***3. Informs patient of order for medication and inquires about allergies**

2 = Performs step
1 = Inquires about allergies but does not inform patient of order
0 = Does not inquire about allergies

***4. Selects correct medication from drug box as requested by Examiner**

2 = Performs step
0 = Omits any portion of step

***5. Verbalizes check of medication for contamination and expiration date**

2 = Performs step
0 = Omits any portion of step

***6. Prepares correct amount of medication for administration**

2 = Performs step
0 = Does not perform step

7. Expels air from syringe

- a. Directs the needle upward
- b. Depresses the syringe plunger until residual air has been ejected

2 = Performs above criteria
0 = Makes no attempt to remove the residual air

NOTE: Examiner shall inspect syringe before and after drug administration to insure correct dosage is given.

8. Verbalizes recheck of the medication label

2 = Performs step
0 = Omits step

***9. Selects appropriate site and identifies it by pointing to (touching) the site on self**

2 = Performs step
0 = Omits step or points out an inappropriate site

INTRAMUSCULAR DRUG ADMINISTRATION (Continued)

10. Verbalizes recheck of the medication label

- 2 = Performs step
- 0 = Omits step

11. Prepares the injection site

- a. Cleanses the injection site with betadine or alcohol prep
- b. Cleanses in a circular motion from the injection site outward

- 2 = Performs above criteria
- 1 = Cleanses skin in a manner other than that stated above
- 0 = Does not clean the injection site

***12. Performs steps 1 - 11 prior to step 13 and performs at least one (1) recheck of the medication label**

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

13. Performs needle insertion

- a. Stretches skin
- b. Inserts needle at 90 degree angle (needle to skin)

- 2 = Performs above criteria
- 1 = Does not stretch the skin over the injection site, but inserts the needle at a 90 degree angle
- 0 = Inserts needle at angle other than 90 degrees

***14. Aspirates for absence of blood return**

- 2 = Performs step
- 0 = Omits step

***15. Injects the medication**

- 2 = Injects the contents of the syringe
- 0 = Omits step

16. Withdraws needle and applies pressure

- a. Removes the needle at the angle at which it was inserted
- b. Applies direct pressure over the injection site with a sterile wipe

- 2 = Performs above criteria
- 1 = Does not apply direct pressure over the injection site with a sterile wipe
- 0 = Removes the needle at an angle other than the angle at which it was inserted

INTRAMUSCULAR DRUG ADMINISTRATION (Continued)

***17. Disposes of contaminated equipment**

- a. Disposes of contaminated equipment using sharps container
- b. Does not recap needle after use

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

**SUBCUTANEOUS DRUG ADMINISTRATION
GRADING CRITERIA**

***1. Avoids contamination of equipment**

2 = Does not contaminate equipment
0 = Contaminates equipment

***2. Confirms order (medication, dosage, and route)**

2 = Performs step
0 = Omits any portion of step

***3. Informs patient of order for medication and inquires about allergies**

2 = Performs step
1 = Inquires about allergies but does not inform patient of order
0 = Does not inquire about allergies

***4. Selects correct medication from the drug box as requested by Examiner**

2 = Performs step
0 = Omits step

***5. Verbalizes check of medication for contamination and expiration date**

2 = Performs step
0 = Omits any portion of step

***6. Prepares correct amount of medication for administration**

2 = Performs step
0 = Does not perform step

SUBCUTANEOUS DRUG ADMINISTRATION (Continued)

7. Expels air from syringe

- a. Directs the needle upward
- b. Depresses the syringe plunger until air has been ejected

2 = Performs above criteria

0 = Makes no attempt to remove the residual air

NOTE: Examiner shall inspect syringe before and after drug administration to insure correct dosage is given.

8. Verbalizes recheck of the medication label

2 = Performs step

0 = Omits step

***9. Selects appropriate site and identifies it by pointing to (touching) the site on self**

2 = Performs step

0 = Omits step or points out an inappropriate site

10. Verbalizes recheck of the medication label

2 = Performs step

0 = Omits step

11. Prepares the injection site

- a. Cleanses the injection site with betadine or alcohol prep
- b. Cleanses in a circular motion from the injection site outward

2 = Performs above criteria

1 = Cleanses skin in a manner other than stated above

0 = Fails to cleanse the injection site

***12. Performs steps 1 - 11 prior to step 13 and performs at least one (1) recheck of the medication label**

2 = Performs above criteria

0 = Does not perform above criteria

13. Performs needle insertion

- a. Pinches skin between two fingers
- b. Inserts needle using 45 degree angle (needle to skin)
- c. Keeps bevel of needle up

2 = Performs above criteria

1 = Does not pinch the skin over the injection site, but inserts the needle bevel up and at a 45 degree angle

0 = Inserts needle at a 90 degree angle

SUBCUTANEOUS DRUG ADMINISTRATION (Continued)

***14. Aspirates for absence of blood return**

- 2 = Performs step
- 0 = Omits step

***15. Injects the medication**

- 2 = Injects the contents of the syringe
- 0 = Omits step

16. Withdraws needle and applies pressure

- a. Removes the needle at the angle at which it was inserted
- b. Applies direct pressure over the injection site with a sterile wipe

- 2 = Performs above criteria
- 1 = Fails to apply direct pressure over the injection site with a sterile wipe
- 0 = Removes the needle at an angle other than the angle at which it was inserted

***17. Disposes of contaminated equipment**

- a. Disposes of contaminated equipment using sharps container
- b. Does not recap needle after use

- 2 = Performs above criteria
- 0 = Does not perform above criteria

**I.V. PUSH DRUG ADMINISTRATION
GRADING CRITERIA**

***1. Avoids contamination of equipment**

- 2 = Does not contaminate equipment
- 0 = Contaminates equipment

***2. Confirms order (medication, dosage, and route)**

- 2 = Performs step
- 0 = Omits any portion of step

***3. Informs patient of order for medication and inquires about allergies**

- 2 = Performs step
- 1 = Inquires about allergies but does not inform patient of order
- 0 = Does not inquire about allergies

I.V. PUSH DRUG ADMINISTRATION (Continued)

***4. Selects correct medication from the drug box as requested by Examiner**

- 2 = Performs above criteria
- 0 = Selects incorrect medication

***5. Verbalizes check of medication for contamination and expiration date**

- 2 = Performs step
- 0 = Omits any portion of step

***6. Prepares correct amount of medication for administration**

- a. Withdraws adequate amount of medication if not using a pre-filled syringe
- b. If using pre-filled syringe, prepares syringe for administration

- 2 = Performs above criteria
- 0 = Does not perform above criteria

7. Expels air from syringe

- a. Directs the needle upward
- b. Depresses the syringe plunger until air has been ejected

- 2 = Performs above criteria
- 0 = Makes no attempt to remove the residual air

NOTE: Examiner shall inspect syringe before and after drug administration to insure correct dosage is given.

8. Selects medication port closest to the I.V. site

- 2 = Performs step
- 0 = Chooses a site other than the one stated above

9. Prepares the port for injection by cleansing with alcohol prep

- 2 = Performs step
- 0 = Omits step

10. Verbalizes recheck of the medication label

- 2 = Performs step
- 0 = Omits step

***11. Performs steps 1 - 10 prior to step 12 and performs at least one (1) recheck of the medication label**

- 2 = Performs above criteria
- 0 = Does not perform above criteria

I.V. PUSH DRUG ADMINISTRATION (Continued)

12. Inserts the needle into the medication port/ attaches syringe into stopcock

2 = Performs step
0 = Omits step

***13. Insures patency of IV line (Aspirates for blood return or verbalizes check for infiltration and a check for IV flow.)**

NOTE: Examiner will state "IV line is patent."

2 = Performs step
0 = Omits step

***14. Occludes flow above medication port**

2 = Performs step
0 = Omits step

15. Verbalizes recheck of the medication label

2 = Performs step
0 = Omits step

***16. Injects the medication (see instructions to the Examiner)**

2 = Performs step
0 = Omits step

17. Removes needle/syringe and flushes tubing

2 = Performs step
1 = Does not remove the needle/syringe
0 = Does not flush tubing
Omits step

***18. Adjusts the drip rate as ordered (See "INSTRUCTIONS TO THE EXAMINER" #7)**

2 = Performs step
1 = Adjusts flow rate to within 27-33 drops per minute
0 = Adjusts flow rate to less than 27 or more than 33 drops per minute

***19. Disposes of contaminated equipment**

- a. Disposes of contaminated equipment using sharps container
- b. Does not recap needle after use

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

ENDOTRACHEAL DRUG ADMINISTRATION GRADING CRITERIA

***1. Avoids contamination of equipment**

2 = Does not contaminate equipment
0 = Contaminates equipment

***2. Confirms order (medication, dosage, and route)**

2 = Performs step
0 = Omits any portion of step

***3. Inquires about medication allergies**

2 = Performs step
0 = Omits step

***4. Selects correct medication and administration supplies from the drug box as requested by the Examiner**

2 = Performs step
0 = Omits any portion of step

***5. Verbalizes check of medication for contamination and expiration date**

2 = Performs step
0 = Omits any portion of step

***6. Prepares correct amount of medication for administration**

- a. Withdraws adequate amount of medication if not using a pre-filled syringe
- b. If using pre-filled syringe, prepares syringe for administration
- c. Achieves a total volume of at least 10 ml

2 = Performs above criteria
1 = Fails to achieve a total volume of at least 10 ml
0 = Omits step
Does not prepare correct amount of medication

7. Verbalizes recheck of the medication label

2 = Performs step
0 = Omits step

***8. Instructs partner to hyperventilate patient**

2 = Performs step
0 = Omits step

9. Verbalizes recheck of the medication label

2 = Performs step
0 = Omits step

ENDOTRACHEAL DRUG ADMINISTRATION (Continued)

***10. Performs steps 1 - 9 prior to step 11 and performs at least one (1) recheck of the medication label**

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

11. Administers the medication

- a. Disconnects ET tube and BVM
- b. Removes needle if detachable
- c. Instills medication

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

***12. Instructs partner to hyperventilate patient**

2 = Performs step
0 = Omits step

***13. Disposes of contaminated equipment**

- a. Disposes of contaminated equipment using sharps container
- b. Does not recap needle after use

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

**PIGGYBACK DRUG ADMINISTRATION
GRADING CRITERIA**

***1. Avoids contamination of equipment**

2 = Does not contaminate equipment
0 = Contaminates equipment

***2. Confirms order (medication, dosage, and route)**

2 = Performs step
0 = Omits any portion of step

***3. Inquires about medication allergies**

2 = Performs step
0 = Omits step

PIGGYBACK DRUG ADMINISTRATION (Continued)

- *4. Selects correct medication and administration supplies from the drug box as requested by the Examiner**

2 = Performs step
0 = Omits any portion of step

- *5. Verbalizes check of medication for contamination and expiration date**

2 = Performs step
0 = Omits any portion of step

- *6. Prepares correct amount of medication for administration**

- a. Withdraws adequate amount of medication if not using a pre-filled syringe
- b. If using pre-filled syringe, prepares syringe for administration
- c. Achieves a total volume of at least 10 ml

2 = Performs above criteria
1 = Fails to achieve a total volume of at least 10 ml
0 = Omits step
Does not prepare correct amount of medication

- 7. Verbalizes recheck of the medication label**

2 = Performs step
0 = Omits step

- *8. Injects medication into secondary IV bag and mixes solution**

- a. Injects medication through injection port
- b. Mixes solution in IV bag

2 = Performs step
0 = Omits step

- 9. Labels medicated IV bag with name of drug and amount added**

2 = Performs step
0 = Omits step

- *10. Connects IV tubing and needle to solution and expels air**

2 = Performs step
0 = Omits any portion of step

- *11. Insures patency of original IV line (Lowers original bag to observe blood return or verbalizes check for infiltration and checks for IV flow)**

2 = Performs step
0 = Omits step

NOTE:Examiner will state "IV line is patent."

PIGGYBACK DRUG ADMINISTRATION (Continued)

12. Cleanses medication port

2 = Performs step
0 = Omits step

***13. Connects piggyback solution by inserting needle into medication port**

2 = Performs step
0 = Omits step

14. Verbalizes recheck of medication label

2 = Performs step
0 = Omits step

***15. Performs steps 1 -14 prior to step 16 and performs at least one (1) recheck of the medication label**

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

***16. Begins infusion and adjusts the drip rate (See "INSTRUCTIONS TO THE EXAMINER" #8)**

2 = Performs step
0 = Omits step

17. Tapes needle securely

2 = Performs step
0 = Omits step

***18. Disposes of contaminated equipment**

- a. Disposes of contaminated equipment using sharps container
- b. Does not recap needle after use

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

INTRAMUSCULAR DRUG ADMINISTRATION

STATION TIME IS 5 MINUTES	DATE:	SCHOOL #:
CANDIDATE=S NAME:		START TIME:
___ INITIAL COURSE ___ EQUIVALENCY ___ RENEWAL ___ RETEST		END TIME:

- 0 2 *1. Avoids contamination of equipment
- 0 2 *2. Confirms order (medication, dosage, and route)
- 0 1 2 *3. Informs patient of order for medication and inquires about allergies
- 0 2 *4. Selects correct medication from drug box as requested by Examiner
- 0 2 *5. Verbalizes check of medication for contamination and expiration date
- 0 2 *6. Prepares correct amount of medication for administration
- 0 2 7. Expels air from syringe
- 0 2 8. Verbalizes recheck of the medication label
- 0 2 *9. Selects appropriate site and identifies it by pointing to (touching) the site on self
- 0 2 10. Verbalizes recheck of the medication label
- 0 1 2 11. Prepares the injection site
- 0 2 *12. Performs steps 1 - 11 prior to step 13 and performs at least one (1) recheck of the medication label
- 0 1 2 13. Performs needle insertion
- 0 2 *14. Aspirates for absence of blood return
- 0 2 *15. Injects the medication
- 0 1 2 16. Withdraws needle and applies pressure
- 0 2 *17. Disposes of contaminated equipment

___ Candidate=s total Points (minimum passing total: 24 points)	
Absolutes satisfied: ___ Yes ___ No (Must have at least one point for each step marked with an *)	___ Pass ___ Fail

Examiner:	Cert. No. (If assigned):
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Documenting Comments: (use back of sheet)

SUBCUTANEOUS DRUG ADMINISTRATION

STATION TIME IS 5 MINUTES	DATE:	SCHOOL #:
CANDIDATE=S NAME:		START TIME:
___ INITIAL COURSE ___ EQUIVALENCY ___ RENEWAL ___ RETEST		END TIME:

- 0 2 *1. Avoids contamination of equipment
- 0 2 *2. Confirms order (medication, dosage, and route)
- 0 1 2 *3. Informs patient of order for medication and inquires about allergies
- 0 2 *4. Selects correct medication from the drug box as requested by Examiner
- 0 2 *5. Verbalizes check of medication for contamination and expiration date
- 0 2 *6. Prepares correct amount of medication for administration
- 0 2 7. Expels air from syringe
- 0 2 8. Verbalizes recheck of the medication label
- 0 2 *9. Selects appropriate site and identifies it by pointing to (touching) the site on self
- 0 2 10. Verbalizes recheck of the medication label
- 0 1 2 11. Prepares the injection site
- 0 2 *12. Performs steps 1 - 11 prior to step 13 and performs at least one (1) recheck of the medication label
- 0 1 2 13. Performs needle insertion
- 0 2 *14. Aspirates for absence of blood return
- 0 2 *15. Injects the medication
- 0 1 2 16. Withdraws needle and applies pressure
- 0 2 *17. Disposes of contaminated needle

Candidate=s total Points (minimum passing total: 24 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: (use back of sheet)

I.V. PUSH DRUG ADMINISTRATION

STATION TIME IS 5 MINUTES	DATE:	SCHOOL #:
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CANDIDATE=S NAME:	START TIME:
____ INITIAL COURSE ____ EQUIVALENCY ____ RENEWAL ____ RETEST	END TIME:

- | | | | |
|---|-----|---|--|
| 0 | 2 | * | 1. Avoids contamination of equipment |
| 0 | 2 | * | 2. Confirms order (medication, dosage, and route) |
| 0 | 1 2 | * | 3. Informs patient of order for medication and inquires about allergies |
| 0 | 2 | * | 4. Selects correct medication from the drug box as requested by Examiner |
| 0 | 2 | * | 5. Verbalizes check of medication for contamination and expiration date |
| 0 | 2 | * | 6. Prepares correct amount of medication for administration |
| 0 | 2 | | 7. Expels air from syringe |
| 0 | 2 | | 8. Selects medication port closest to the I.V. site |
| 0 | 2 | | 9. Prepares the port for injection by cleansing with alcohol prep |
| 0 | 2 | | 10. Verbalizes recheck of the medication label |
| 0 | 2 | * | 11. Performs steps 1 - 10 prior to step 12 and performs at least one (1) recheck of the medication label |
| 0 | 2 | | 12. Inserts the needle into the medication port/attaches syringe into stopcock |
| 0 | 2 | * | 13. Insures patency of IV line (Aspirates for blood return or verbalizes a check for infiltration and a check for IV flow) |
| 0 | 2 | * | 14. Occludes flow above medication port |
| 0 | 2 | | 15. Verbalizes recheck of medication label |
| 0 | 2 | * | 16. Injects the medication (see instruction to the Examiner) |
| 0 | 1 2 | | 17. Removes needle/syringe and flushes tubing |

0 1 2 *18. Adjusts the drip rate as ordered (See "INSTRUCTIONS TO THE EXAMINER #7")

0 2 *19. Disposes of contaminated equipment

_____ Candidate=s total Points (minimum passing total: 27 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: (use back of sheet)

ENDOTRACHEAL DRUG ADMINISTRATION

STATION TIME IS 5 MINUTES	DATE:	SCHOOL #:
CANDIDATE=S NAME:		START TIME:
___ INITIAL COURSE ___ EQUIVALENCY ___ RENEWAL ___ RETEST	END TIME:	

- 0 2 *1. Avoids contamination of equipment
- 0 2 *2. Confirms order (medication, dosage, and route)
- 0 1 2 *3. Inquires about medication allergies
- 0 2 *4. Selects correct medication and administration supplies from the drug box as requested by the Examiner
- 0 2 *5. Verbalizes check of medication for contamination and expiration date
- 0 2 *6. Prepares correct amount of medication for administration
- 0 2 7. Verbalizes recheck of the medication label
- 0 2 *8. Instructs partner to hyperventilate patient
- 0 2 9. Verbalizes recheck of the medication label
- 0 2 *10. Performs steps 1 - 9 prior to step 11 and performs at least one (1) recheck of the medication label
- 0 1 2 11. Administers the medication
- 0 1 2 *12. Instructs partner to hyperventilate patient
- 0 1 2 *13. Disposes of contaminated equipment

_____ Candidate=s total Points (minimum passing total: 18 points)	
Absolutes satisfied: _____ Yes _____ No (Must have at least one point for each step marked with an *)	_____ Pass _____ Fail

Documenting Comments: (use back of sheet)

PIGGYBACK DRUG ADMINISTRATION

STATION TIME IS 5 MINUTES	DATE:	SCHOOL #:
CANDIDATE=S NAME:		START TIME:
___ INITIAL COURSE ___ EQUIVALENCY ___ RENEWAL ___ RETEST		END TIME:

- 0 2 *1. Avoids contamination of equipment
- 0 2 *2. Confirms order (medication, dosage, and route)
- 0 1 2 *3. Inquires about medication allergies
- 0 2 *4. Selects correct medication and administration supplies from the drug box as requested by the Examiner
- 0 2 *5. Verbalizes check of medication for contamination and expiration date
- 0 2 *6. Prepares correct amount of medication for administration
- 0 2 7. Verbalizes recheck of the medication label
- 0 2 *8. Injects medication into secondary IV bag and mixes solution
- 0 2 9. Labels medicated IV bag with name of drug and amount added
- 0 2 *10. Connects IV tubing and needle to solution and expels air
- 0 1 2 *11. Insures patency of original IV line (Lowers original bag to observe blood return or verbalizes check for infiltration and checks for IV flow)
- 0 1 2 12. Cleanses medication port
- 0 1 2 *13. Connects piggyback solution by inserting needle into medication port

- 0 1 2 14. Verbalizes recheck of the medication label
- 0 1 2 *15. Performs steps 1 -14 prior to step 16 and performs at least one (1) recheck of the medication
- 0 1 2 *16. Begins infusion and adjusts the drip rate (See "INSTRUCTIONS TO THE EXAMINER" #8)
- 0 1 2 17. Tapes needle securely
- 0 1 2 *18. Disposes of contaminated equipment

_____ Candidate=s total Points (minimum passing total: 25 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: (use back of sheet)

ESOPHAGEAL AIRWAY

TIME ALLOWED FOR SKILL PERFORMANCE - 8 MINUTES

PERFORMANCE OBJECTIVE

Given an adult intubation mannequin with oral airway in place and appropriate equipment, the candidate shall, within the allotted station time, insert an EOA or EGTA 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 Esophageal Airway 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. Esophageal airway (EOA or EGTA only)
3. Adult bag-valve-mask with oxygen reservoir
4. Syringe (35 ml)
5. Stethoscope
6. Lubricating gel
7. Can of silicone spray
8. Gloves and protective eyewear
9. 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 an Esophageal airway 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. Further insertion attempts must begin at step number 1, may omit step number 2, and be completed within the station time of eight (8) minutes
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 cuff
- b. Checks for mask inflation
- c. Connects mask to tube and insures tight connection
- d. Simulates lubrication of tube

2 = Performs above criteria
1 = Omits "b" and/or "d"
0 = Omits "a" and/or "c"

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. Positions head in slightly flexed or neutral position

2 = Performs step
0 = Omits step

***6. Inserts tube into esophagus in three (3) attempts or less and insures successful ventilations are resumed within 30 seconds on each attempt**

NOTE: Examiner shall record elapsed time between successful ventilations on each attempt.

- a. Opens mouth with tongue/jaw-lift maneuver
- b. Inserts tube within three (3) attempts until mask is seated firmly on face
- c. Insures ventilations are resumed within 30 seconds of time ceased

2 = Performs above criteria
1 = Opens mouth by acceptable but not preferred method
0 = Omits "b" or "c"

***7. Confirms tube placement by auscultation before cuff inflation**

- a. Auscultates epigastrium
- b. Auscultates for bilateral breath sounds
- c. Auscultates before cuff inflation

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

***8. Inflates cuff to local standard and removes syringe**

2 = Performs step
0 = Omits step

***9. Reconfirms tube placement**

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

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

INFANT ENDOTRACHEAL INTUBATION

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

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 <input type="checkbox"/> EQUIVALENCY <input type="checkbox"/> RETEST	START TIME:
		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

_____ 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:

PERIPHERAL VENIPUNCTURE

TIME ALLOWED FOR SKILL PERFORMANCE - 10 MINUTES

PERFORMANCE OBJECTIVE

Given an I.V. arm or training model and other appropriate equipment, the candidate shall, within the allotted station time, establish an I.V. line in an appropriate vein, secure the line and catheter, and establish a drip rate of 30 drops per minute 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 Peripheral Venipuncture 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. Examiner shall require gloves to be in place before station time begins. Other protective barriers are recommended.

STATION EQUIPMENT

1. Training model, I.V. arm, or I.V. hand
2. Fluids from local protocol
3. Gauze pads/Band-Aids/commercial dressing
4. Alcohol/betadine preps
5. I.V. tubing (micro and macro)
6. I.V. catheters (catheter over needle) - 16, 18, 20, & 22 gauge
7. I.V. stand
8. Constricting band
9. Gloves and protective eyewear
10. Sharps container
11. 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. This station may be tested in conjunction with I.V. Push.
3. The Examiner will **NOT** remove or hide equipment required to complete the skill.
4. 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.

5. Scenarios must **NOT** be used except as indicated by the criteria.
6. The Examiner shall prompt candidate **ONLY** as indicated by the criteria.
7. The Examiner, acting as Medical Control, shall instruct candidate to select an administration set, solution, and catheter of the Examiner's choice.
8. Use of betadine may be verbalized to preserve training model.
9. Once a test session has begun, it must be completed in no more than three (3) attempts.
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 error.

GRADING CRITERIA

***1. Avoids contamination of equipment**

2 = Does not contaminate equipment
0 = Contaminates equipment

2. Confirms order (solution and rate)

2 = Performs step
0 = Omits any portion of step

3. Informs patient of order for fluid therapy

2 = Performs step
0 = Omits step

4. Selects and prepares equipment including that ordered by Examiner

Identifies and selects the following equipment:

- a. administration set
- b. constricting band
- c. gauze, Band-Aid or commercial dressing
- d. catheter over needle device (16, 18, 20, or 22 gauge)
- e. alcohol/betadine prep
- f. tape

2 = Performs above criteria
1 = Omits "b", "c", "e", or "f"
0 = Omits "a" or "d" or chooses inappropriate equipment

***5. Selects correct I.V. solution and verbalizes check for contamination and expiration date**

2 = Performs step
0 = Omits any portion of step

***6. Connects tubing to solution and clears air**

2 = Performs step
0 = Omits any portion of step

7. Applies constricting band and checks distal pulse

2 = Performs above criteria
1 = Applies constricting band but does not check pulse
0 = Does not apply constricting band

***8. Selects site below constricting band (if used)**

2 = Performs step
0 = Omits step

9. Cleanses skin with an alcohol/betadine prep using a circular motion working outward

2 = Performs above criteria

1 = Cleanses skin with an alcohol/betadine prep in a manner other than above

0 = Does not cleanse site

***10. Verbalizes inspection of catheter and needle for defects without advancing catheter over the needle**

2 = Performs above criteria

0 = Omits step or does not verbalize

***11. Performs steps 4 - 10 before venipuncture. (Steps 1 - 9 may vary in sequence according to local protocol.)**

2 = Performs as above

0 = Does not perform as above

***12. Performs venipuncture within three (3) attempts**

NOTE: Candidate may verbalize change of catheter if making more than one (1) attempt

a. Stabilizes vein

b. Places bevel of needle up

c. Inserts needle into vein at selected site

d. Threads catheter if blood return present

e. Removes needle

f. Simulates use of new catheter for further attempts

2 = Performs as above

1 = Omits "a" or "b"

0 = Omits "c", "d", "e" or "f"

***13. Attaches tubing to the catheter hub**

2 = Performs step

0 = Omits step or tubing does not remain attached to hub

14. Removes constricting band before attempting to verify flow

2 = Performs step

1 = Removes constricting band after attempting to verify flow

0 = Does not remove constricting band

***15. Verifies flow by opening flow control**

2 = Performs step

0 = Omits step

*16. **Secures catheter and tubing and dresses site**

- a. Secures catheter and tubing
- b. Dresses site
- c. Does not cover medication port
- d. Maintains patent IV

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

*17. **Adjusts the drip rate as ordered (30 drops per minute)**

- 2 = Performs step
1 = Adjusts flow rate to 24 - 36 drops per minute
0 = Adjusts flow rate to less than 24 or more than 36 drops per minute

*18. **Disposes of contaminated equipment**

- a. Disposes of contaminated equipment using sharps container
- b. Does not recap needle after use

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

19. **Labels site**

- a. Catheter size
- b. Date and time
- c. Initials

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

PERIPHERAL VENIPUNCTURE

STATION TIME IS 10 MINUTES		DATE:	
CANDIDATE=S NAME:		SCHOOL #:	
<input type="checkbox"/> EMTI <input type="checkbox"/> EMTTP	<input type="checkbox"/> INITIAL COURSE <input type="checkbox"/> RENEWAL <input type="checkbox"/> EQUIVALENCY <input type="checkbox"/> RETEST	START TIME:	
		END TIME:	

- | | | | |
|---|---|---|--|
| 0 | 2 | * | 1. Avoids contamination of equipment |
| 0 | 2 | | 2. Confirms order (solution and rate) |
| 0 | 2 | | 3. Informs patient of order for fluid therapy |
| 0 | 1 | 2 | 4. Selects and prepares equipment including that ordered by Examiner |
| 0 | 2 | * | 5. Selects correct I.V. solution and verbalizes check for contamination and expiration date |
| 0 | 2 | * | 6. Connects tubing to solution and clears air |
| 0 | 1 | 2 | 7. Applies constricting band and check distal pulse |
| 0 | 2 | * | 8. Selects site below constricting band (if used) |
| 0 | 1 | 2 | 9. Cleanses skin with an alcohol/betadine prep using a circular motion working outward |
| 0 | 2 | * | 10. Verbalizes inspection of catheter and needle for defects without advancing catheter over the needle |
| 0 | 2 | * | 11. Performs steps 4 - 10 before venipuncture. (Steps 1 - 9 may vary in sequence according to local protocol.) |
| 0 | 1 | 2 | *12. Performs venipuncture within three (3) attempts |
| 0 | 2 | * | 13. Attaches tubing to the catheter hub |
| 0 | 1 | 2 | 14. Removes constricting band before attempting to verify flow |
| 0 | 2 | * | 15. Verifies flow by opening flow control |
| 0 | 1 | 2 | *16. Secures catheter and tubing and dresses site |
| 0 | 1 | 2 | *17. Adjusts drip rate as ordered (30 drops per minute) |
| 0 | 2 | * | 18. Disposes of contaminated equipment |
| 0 | 1 | 2 | 19. Labels site |

<input type="text"/> Candidate=s total Points (minimum passing total: 27 points)
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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):
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Documenting Comments: (use back of sheet)

MEGACODE

Every candidate for Paramedic certification shall demonstrate megacode proficiency through one of the following means:

1. possession of a valid ACLS card issued within the inclusive dates of the paramedic or paramedic completion course; or
2. documentation issued by the course medical director based upon scenarios submitted with the course approval documents.

In either case such candidate's proficiency shall be attested to on the CCC.

TIME ALLOWED FOR SKILLS PERFORMANCE - as indicated by the scenario

PERFORMANCE OBJECTIVE

Given a patient whose condition meets the criteria for megacode intervention, the candidate shall be able to demonstrate proficiency in directing a megacode.

TESTING CONDITIONS

1. The Examiner shall insure that station is conducted as a testing station and **NOT** as a teaching session.
2. This station is a comprehensive station combining several psychomotor skills. This station shall **NOT** replace the testing of those skills.
3. Candidates shall be tested in private and one candidate at a time.
4. The candidate may have one or more assistants. The assistant(s) can perform those tasks they are directed to perform. Non-candidates or previously tested candidates **MUST** be used as the assistants. The Examiner shall **NOT** be used as an assistant.
5. Assistant(s) shall **NOT** "cue" the candidate.
6. The scenario(s) will be based on protocol established by the course physician and course coordinator and shall have been submitted as part of the course approval application documents.
7. 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, I.V. arm, and CPR mannequin or a combination mannequin adult mannequin that can be defibrillated
2. EKG monitor/defibrillator
3. I.V. equipment and solution
4. Intubation equipment and appropriate size tube
5. Appropriate medications
6. Gloves and protective eyewear
7. Rhythm generator
8. Watch or clock with reading in seconds
9. Other equipment appropriate to protocol

GUIDELINES FOR MEGACODE STATION

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 should be allowed to familiarize with the equipment. During this time the Examiner should answer any questions the candidate has about the equipment.
4. **ONLY** scenarios approved with the course application are to be used.
5. The use of the Department provided score sheet is optional. Course medical directors choosing to use another scoring method shall include it with the scenarios submitted with the course approval documents.
6. Course medical directors shall specify which steps in the scenarios are to be absolutes.
7. The Examiner shall prompt candidate **ONLY** as indicated by the criteria.
8. Once a test session has begun, it must be completed within the allotted station time. Restarts, if allowed by the scenario, will **NOT** increase the allotted station time.
9. Station time shall begin immediately after Examiner finishes examination instructions and informs candidate to begin.
10. The Examiner shall record starting and ending times in the appropriate section of the score sheet.
11. Station time shall **NOT** be restarted or extended for any reason.
12. If station time limit is exceeded, Examiner shall end the test, record skill as failure.
13. Sequence errors shall **NOT** be penalized unless specified by the scenario.
14. Additional steps not called for in the scenario shall **NOT** be penalized as sequence errors.
15. It is encouraged that two or more Examiners be utilized for conducting the megacode station.
16. Use of certified Examiners who are also ACLS instructors is encouraged.
17. The use of optional equipment and/or medications in steps 17-19 shall be documented in the comments section. If more than one optional piece of equipment and/or medication is used, each shall be documented and scored separately in the comments section.
18. Documentation by narrative is required on all steps awarded a "0" and on all skills failures.
19. Candidate shall **NOT** fail because of Examiner or assistant error.

MEGACODE
(Optional Score Sheet)

STUDENT=S NAME:		DATE:	
___ INITIAL COURSE	___ RENEWAL	SCENARIO #:	SCHOOL #:
___ EQUIVALENCY	___ RETEST	START TIME:	END TIME:

IDENTIFIES LETHAL ARRHYTHMIAS

- 0 2 1. Identifies Ventricular Fibrillation
- 0 2 2. Identifies Normal Sinus Rhythm
- 0 2 3. Identifies one other arrhythmia (Specify: _____)

UTILIZES EQUIPMENT AND MEDICATIONS FOR APPROPRIATE TREATMENT OF PATIENT

DEFIBRILLATOR

- 0 2 4. Recognizes need for defibrillation
- 0 2 5. Uses defibrillator correctly
- 0 2 6. Uses correct energy level
- 0 2 7. Performs defibrillation safely

EPINEPHRINE

- 0 2 8. Recognizes need for Epinephrine
- 0 2 9. Administers at appropriate time
- 0 2 10. Administers correct dosage

LIDOCAINE

- 0 2 11. Recognizes need for Lidocaine
- 0 2 12. Administers at appropriate time
- 0 2 13. Administers correct dosage

OXYGEN

- 0 2 14. Recognizes need for Oxygen
- 0 2 15. Administers at appropriate time
- 0 2 16. Administers correct dosage

OTHER (Optional, must specify:

)

- 0 2 17. Recognizes need for other procedures and/or medications
- 0 2 18. Performs procedures and/or administers medications at appropriate time
- 0 2 19. Performs procedures properly and/or administers correct dosage of medications

FUNCTIONS AS TEAM LEADER

ASSESSMENT OF THE PATIENT

- 0 2 20. Does initial evaluation to determine if CPR is necessary
- 0 2 21. Checks adequacy of artificial ventilation (rise and fall of chest)
- 0 2 22. Assures correct placement of ET tube (bilateral breath sounds)
- 0 2 23. Checks for adequate compressions (pulse generated with compressions, correct hand position, compression/relaxation technique) each time CPR is resumed
- 0 2 24. Checks pulse after each defibrillation attempt or change in rhythm

Note: During the initial 3 shocks in the scenario the pulse check may be omitted after each of the first 2 shocks unless a change in the rhythm occurs.

- 0 2 25. Checks for spontaneous breathing following return of spontaneous pulse

SUPERVISION OF TEAM MEMBERS

- 0 2 26. Checks for maintenance of correct CPR (interruptions for maximum of 30 seconds for intubation, defibrillation, or moving the patient and 5 seconds for assessment of spontaneous breathing and pulse)
- 0 2 27. Proper use of adjuncts (depends on scenario)

PROBLEM SOLVING (Solve two (2) problems from the following list:

- A. Disconnected oxygen line to bag-valve-mask;
- B. Endotracheal tube in right mainstem bronchus;
- C. Synchronizer on during defibrillation attempt;
- D. IV line delayed or unobtainable;
- E. Loose electrode.

- 0 2 28. Specify problem: _____ (Indicate by letter)
- 0 2 29. Specify problem: _____ (Indicate by letter)

Record patient care activities as they occur by time. Identify errors in arrhythmia interpretation or patient care by placing a "*" in the margin at the point where the error was made.

Actual Rhythm	Student Interp.	Treatment Given	Actual Rhythm	Student Interp.	Treatment Given
		00 Min.			06 Min.
		01 Min.			07 Min.
		02 Min.			08 Min.
		03 Min.			09 Min.
		04 Min.			10 Min.
		05 Min.			11 Min.

Absolutes satisfied: ___Yes ___No	___Pass ___Fail
Examiner:	Cert. No. (if assigned)

Documenting Comments:

PNEUMATIC ANTI-SHOCK GARMENT (P.A.S.G.)

TIME ALLOWED FOR SKILLS PERFORMANCE - 5 MINUTES

PERFORMANCE OBJECTIVE

Given a patient whose condition meets the criteria for application of the Pneumatic Anti-Shock Garment (P.A.S.G.), the candidate shall, within the allotted time, demonstrate the proper application of the P.A.S.G. 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 Pneumatic Anti-Shock Garment 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. A non-candidate or a previously tested candidate **MUST** be used as the "patient." The Examiner shall **NOT** be used as the "patient."
5. The "patient" shall **NOT** "cue" the candidate being tested but may assist to the extent that an actual patient would be able. The patient shall be cooperative.
6. The candidate shall be assisted by a partner who shall perform as an EMT. The partner shall be a non-candidate or a previously tested candidate. The Examiner shall **NOT** be used as the partner.
7. Examiner shall require gloves to be in place before station time begins. Other protective barriers are recommended.

STATION EQUIPMENT

1. Adult Pneumatic Anti-Shock Garment (P.A.S.G.)
2. A live patient
3. Gloves and protective eyewear
4. 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 skills examination begins the candidate should be allowed to check packaging of the P.A.S.G. The P.A.S.G. shall be in its carrying case when the skills examination begins.
4. Care should be taken to remove all sharp objects from the patient before the examination begins.

5. The Examiner shall instruct the candidate to remove the "patient's" clothing if the "patient" is wearing a bathing suit underneath clothing. If "patient" is not wearing bathing suit the Examiner shall instruct the candidate to verbalize clothing removal at the proper time.
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 Examiner will provide information regarding the patient's history **ONLY** as indicated in the criteria.
9. Once a test session has begun, it must be completed within the allotted time with **NO** restarts.
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. Station time must **NOT** be restarted or extended for any reason.
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

Examiner states: "The patient meets all criteria for the application of the P.A.S.G."

1. Prepares patient for application of the P.A.S.G. (Removes clothing or states "Clothing has been removed," as appropriate)

- 2 = Performs above criteria
- 0 = Does not perform above criteria

***2. Positions and aligns garment**

- 2 = Positions garment so top of abdominal section is immediately below lowest lateral rib
- 1 = Positions garment so top of abdominal section is no lower than the top of the iliac crest
- 0 = Positions garment so abdominal section is above lowest lateral rib or below the top of the iliac crest.

***3. Secures leg sections**

- 2 = Completes snug application of leg sections
- 1 = Applies leg sections loosely
- 0 = Omits step

***4. Secures abdominal section**

- 2 = Completes snug application of abdominal section
- 1 = Applies abdominal section loosely
- 0 = Omits step

***5. Inflates garment (Three (3) compartments all at one time or leg sections then abdominal section)**

NOTE: DO NOT ALLOW INFLATION. After candidate begins inflation of P.A.S.G. Examiner shall stop candidate then state "The garment is inflated," or "The leg section is inflated," whichever is appropriate.

- 2 = Begins inflation in proper order
- 0 = Fails to begin inflation
- Inflates abdominal section prior to leg sections

***6. Sets valves to prevent loss of air from garment**

- 2 = Performs step
- 0 = Omits step

PNEUMATIC ANTI-SHOCK GARMENT (P.A.S.G.)

STATION TIME IS 5 MINUTES		DATE:
CANDIDATE=S NAME:		SCHOOL #:
<input type="checkbox"/> EMTI <input type="checkbox"/> EMTP	<input type="checkbox"/> INITIAL COURSE <input type="checkbox"/> RENEWAL <input type="checkbox"/> EQUIVALENCY <input type="checkbox"/> RETEST	START TIME:
		END TIME:

- 0 2 1. Prepares patient for application of the P.A.S.G. (Removes clothing or states "Clothing has been removed," as appropriate)
- 0 1 2 *2. Positions and aligns garment
- 0 1 2 *3. Secures leg sections
- 0 1 2 *4. Secures abdominal section
- 0 2 *5. Inflates garment (Three (3) compartments all at one time or leg sections then abdominal section)
- 0 2 *6. Sets valves to prevent loss of air from garment

<input type="checkbox"/> Candidate=s total Points (minimum passing total: 8 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:

