New York State Department of Health

**Bureau of Emergency Medical Services** 

# **AEMT-Critical Care**

# **Practical Skills Examination Sheets**



## AEMT-Critical Care Practical Skills Examination Sheets "Updates"

Included on this page are the changes or updates that have been made to the Critical Care Practical Skills Examination Sheets. Any time the Bureau of EMS makes a change to the skills sheets we will update this page. The date at the bottom of each skills sheet will also be updated with the date of the most recent change.

Date of Change	Station #	Changes Made
6/14/02	ALL	All PSE testing sheets have been updated to meet the new AEMT-CC curriculum. These sheets are to be used for all AEMT-CC courses with a NYS Written certification exam date on or after August 15 <sup>th</sup> , 2002.

### EMT- Critical Care Technician Standardized Practical Skills Examination

### **Skill Station 1:**

Mandatory: 1A - Patient Assessment - Trauma Optional Skill - Choose 1:

1B - Needle Decompression

1C - Helmet Removal

1D - Fracture Management – Long Bone

1E - Fracture Management – Joint Injury

### Skill Station 2:

Mandatory: 2A - Patient Assessment - Medical Optional Skill - Choose 1: 2B - Pulse Oximetry

2C - Nebulized Medication Administration

### Skill Station 3:

Mandatory: 3A - Endotracheal Intubation - Adult

Mandatory: 3B - Endotracheal Intubation - Pediatric

Optional Skill - Choose 2:

3C - Dual Lumen Airway Device

- 3D Mouth to Mask Ventilation
- 3E Nasogastric Tube Placement
- 3F Carbon Dioxide Detector
- 3G Oral & Nasal Airway and Suctioning
- 3H Flow Restricted Ventilator
- 3 I Endotracheal Medication Administration

### Skill Station 4:

Mandatory: 4A - Venous Access Mandatory: 4B - IV Bolus Medication Administration

Optional Skill - Choose 2:

4C - Intraosseous Infusion

4D - IV Drip Medication Administration

4E - Subcutaneous and Intramuscular Injection

### Skill Station 5:

Mandatory: 5A - Static Cardiology Mandatory: 5B - Dynamic Cardiology Optional Skill - Choose 1:

5C - Transthoracic Pacing

5D - Cardioversion

5E - Automated External Defibrillator

## **Skill Station 6:**

Optional Skills - Choose 2:

6A - Spinal Immobilization - Seated

6B - Spinal Immobilization - Lying

6C - Bleeding Control & Shock Management

6D - Traction Splinting

## Skill Station 7:

Optional Skill - Choose 1

7A - Immobilization in Infant/Child Safety Seat

7B - Extrication of a Child from Safety Seat

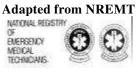
7C – Extrication of Infant from Safety Seat

7D - Neonatal Resuscitation

Candidates who fail **Five skill stations or less** on the practical exam, may be retested on those skills. **Six or more failed stations** constitutes a failure of the practical examination and the candidate must complete a refresher course prior to being retested.



**Advanced Level Practical Examination** PATIENT ASSESSMENT - TRAUMA





Candidate:	Examiner		
Date:	Signature:		
Scenario #	Time Start: Time End:		
Takes or verbalizes body substance isolation precautions		1	[
SCENE SIZE-UP		1	1
Determines the scene/situation is safe		1	
Determines the mechanism of injury/nature of illness		1	
Determines the number of patients		1	
Requests additional help if necessary		1	
Considers stabilization of spine		1	
INITIAL ASSESSMENT/RESUSCITATION		•	•
Verbalizes general impression of the patient		1	
Determines responsiveness/level of consciousness		1	
Determines chief complaint/apparent life-threats		1	
Airway			
- Opens and assesses airway (1 point) - inserts adjunct as in	dicated (1 point)	2	
Breathing			
- Assess breathing (1 point)			
- Assures adequate ventilation (1 point)		4	
- Initiates appropriate oxygen therapy (1 point)			
- Manages any injury which may compromise breathing/ventilation	on (1 point)		
Circulation			
- Checks pulse (1 point)			
- Assess skin [either skin color, temperature, or condition (1 point	t)	4	
- assesses for and controls major bleeding if present (1 point)			
- Initiates shock management (1 point)			
Identifies priority patients/makes transport decision		1	
FOCUSED HISTORY AND PHYSICAL EXAMINATION/RAP	ID TRAUMA ASSESSMENT		r
Selects appropriate assessment		1	
Obtains, or directs assistant to obtain, baseline vital signs		1	
Obtains SAMPLE history		1	
DETAILED PHYSICAL EXAMINATION NOTE: Areas d	lenoted by ** may be integrated within Initial	Assessme	nt
Head			
- Inspects mouth**, nose**, and assesses facial area (1 point)		2	
- Inspects and palpates scalp and ears (1 point)		3	
- Assesses eyes for PERRL** (1 point) Neck**			
- Checks position of traches (1 point)			
- Checks jugular veins (1 point)		3	
- Palpates cervical spine (1 point)		3	
Chest**			
- Inspects chest (1 point)			
- Palpates chest (1 point)		3	
- Auscultates chest (1 point)		5	
Abdomen/pelvis**			
- Inspects and palpates abdomen (1 point)			
- Assesses pelvis (1 point)		3	
- Verbalizes assessment of genitalia/perineum as needed (1 point	)	-	
Lower exterminates**	)		
- inspects, palpates, and assesses motor, sensory, and distal circul	atory functions (1 point/leg)	2	
Upper extremities	- · · · · · · · · · · · · · · · · · · ·		
- inspects, palpates, and assesses motor, sensory, and distal circul	atory functions (1 point/arm)	2	
Posterior thorax, lumbar, and buttocks**	• • • • · · · ·		İ
- Inspects and palpates posterior thorax (1 point)		2	
- Inspects and palpates lumbar and buttocks area (1 point)			
Manages secondary injuries and wounds appropriately		1	Ì
Performs ongoing assessment		1	Ì
	TOTAL TO PASS 30	43	
			1

#### **CRITICAL FAILURE**

Failure to initiate or call for transport of the patient within 10 minutes time limit

- Failure to take or verbalize infection control precautions
- Failure to determine scene safety
- Failure to assess for and provide spinal protection when indicated
- Failure to voice and ultimately provide high concentration of oxygen
- Failure to assess/provide adequate ventilation
- Failure to find or appropriately manage problems associated with airway, breathing, hemorrhage or shock
- Failure to differentiate patient's needing transportation versus continued on-scene assessment/treatment
- Does other detailed physical examination before assessing & treating threats to airway, breathing & circulation
- Orders a dangerous or inappropriate intervention



Advanced Level Practical Examination Needle Chest Decompression						
Candidate:	Examiner:					
Date:	Signature:					
Scenario #:	Time Start:	Time End:				

	Points	Points
CRITERIA	Possible	Awarded
Takes, or verbalizes, body substance isolation precautions	1	
Assembles needed equipment (2" 14G needle/catheter, syringe, glove finger, betadine or alcohol prep, tape)	1	
Locates second intercostal space in the midclavicular line	1	
Prepares site with alcohol or betadine	1	
Attaches syringe to needle/catheter and withdraws plunger half way	1	
Holds needle perpendicular to skin and inserts needle to superior aspect of third rib	1	
Pushes needle in until pop is heard	1	
Advances catheter over needle	1	
Withdraws needle and syringe, leaving catheter in place	1	
Attaches glove finger on top of catheter as one way valve	1	
Tapes catheter into place	1	
Verbalizes assessment of patient response to procedure including general response and lung sounds	1	
Verbalizes documentation of procedure on PCR	1	
TOTAL	13	

Required to pass - 10 points

## CRITICAL CRITERIA

- \_\_\_\_ Failure to properly locate second intercostal space
- Failure to insert needle over SUPERIOR aspect of third rib
- Failure to secure catheter in place
- Failure to re-evaluate patient general response and lung sounds



### Advanced Level Practical Examination Helmet Removal

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

	Points Possible	Points Awarded
	Possible	Awarded
Takes, or verbalizes, body substance isolation precautions	1	
Kneels above patient's head and stabilizes head in neutral position by holding sides of	1	
helmet		
Instructs EMT assistant to assess motor, sensory, and circulatory function of each	1	
extremity		
Instructs EMT assistant to undo chin strap	1	
Instructs EMT assistant to take over stabilization by placing one hand under the neck	1	
and the other on the patient's jaw		
Releases hold on helmet sides and slowly removes helmet by pulling sides apart.	1	
When sides no longer are in contact with patient's face, withdraws helmet from		
patient's head		
Once the helmet is fully removed, again holds patient's head, and assists EMT helper	1	
to move head to neutral in-line position.		
Instructs EMT assistant to apply extrication collar	1	
Verbalizes maintenance of stabilization until patient is fully immobilized onto board.	1	
Reassesses motor, sensory, and circulatory function of each extremity	1	
TOTAL	10	

Required to pass - 7 points

CRITICAL CRITERIA;

- \_\_\_\_ Does not immediately direct, or take, manual stabilization of the head
- Released, or ordered released, manual stabilization before it was maintained mechanically

Patient head moves excessively up, down, left, or right

\_\_\_\_\_ Upon completion of procedure, head is not in a neutral position



## **IMMOBILIZATION SKILLS – LONG BONE**

## INSTRUCTIONS TO THE CANDIDATE

This station is designed to test your ability to properly immobilize a closed, non-angulated long bone injury. You are required to treat only the specific, isolated injury to the extremity. The scene size-up and initial assessment have been completed and during the focused assessment a closed, non-angulated injury of the \_\_\_\_\_\_ (radius, ulna, tibia, fibula) was detected. Ongoing assessment of the patient's airway, breathing and central circulation is not necessary. You may use any equipment available in this room. You have 10 minutes to complete this skill station. Do you have any questions?

## NOTES

### NEW YORK STATE DEPARTMENT OF HEALTH Emergency Medical Services

## Advanced EMT Practical Examination

				Plea	se þrint.	
STATION	IMMOBILIZATION	Pass	Candidate			
1 D	SKILLS		Examiner_		Initials	
<b>1 - D</b>	LONG BONE IN JURY	Fail	Date	Start Time	Stop Time	

	Points:	Possible	Awarded	Comments
Takes, or verbalizes, body substance isolation precautions		C		
Directs application of manual stabilization of the injury		1		
Assesses motor, sensory and circulatory function in the injured extremity		С		
Note: The examiner acknowledges "motor, sensory and circulatory fur	ction are			
present and normal"				
Measures the splint		1		
Applies the splint		1		
Immobilizes the joint above the injury site		С		
Immobilizes the joint below the injury site		С		
Secures the entire injured extremity		1		
Immobilizes the hand/foot in the position of function		1		
Reassesses motor, sensory and circulatory function in the injured extremit	у	С		
Note: The examiner acknowledges "motor, sensory and circulatory fur	ction are			
present and normal"				
Candidate did not grossly move the injured extremity		С		
Candidate must complete station within 10 minute time limit		С		

Note: Candidate must complete all critical criteria and receive at least 4 points to pass this station. Total to pass 4 Total 5

COMMENTS:



## **IMMOBILIZATION SKILLS – JOINT INJURY**

## INSTRUCTIONS TO THE CANDIDATE

This station is designed to test your ability to properly immobilize a non-complicated shoulder injury. You are required to treat only the specific, isolated injury to the shoulder. The scene size-up and initial assessment have been accomplished on the victim and during the focused assessment a shoulder injury was detected. Ongoing assessment of the patient's airway, breathing and central circulation is not necessary. You may use any equipment available in this room. You have 10 minutes to complete this skill station. Do you have any questions?

## NOTES

### NEW YORK STATE DEPARTMENT OF HEALTH **Emergency Medical Services**

## Advanced EMT **Practical Examination**

				Plea	ise þrint.
STATION	IMMOBILIZATION	Pass	Candidate		
1 <b>-</b> E	SKILLS JOINT INJURY		Examiner		Initials
		Fail	Date	Start Time	Stop Time

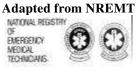
	Points:	Possible	Award	ed Comments
Takes, or verbalizes, body substance isolation precautions		C		
Directs application of manual stabilization of the shoulder injury		1		
Assesses motor, sensory and circulatory function in the injured extremity		C		
Note: The examiner acknowledges "motor, sensory and circulatory fun	ction are			
present and normal"				
Selects the proper splinting material		1		
Immobilizes the site of the injury		1		
Immobilizes the bone above the injured joint		C		
Immobilizes the bone below the injured joint		С		
Reassessed motor, sensory and circulatory function in the injured extremit	y	С		
Note: The examiner acknowledges "motor, sensory and circulatory fun	ction are			
present and normal"				
Joint is supported so that the joint does not bear distal weight		С		
Candidate completed station within the 5 minute time limit		С		

Note: Candidate must complete all critical criteria and receive at least 2 points to pass this station. Total to pass 2 Total 3

COMMENTS:



**Advanced Level Practical Examination** PATIENT ASSESSMENT - MEDICAL





Candidate: 1	Examiner		
Date:	Signature:		
Scenario #	Time Start: Time End:		
Takes or verbalizes body substance isolation precautions		1	
SCENE SIZE-UP			
Determines the scene/situation is safe		1	
Determines the mechanism of injury/nature of illness		1	
Determines the number of patients		1	
Requests additional help if necessary		1	
Considers stabilization of spine		1	
INITIAL ASSESSMENT/RESUSCITATION			
Verbalizes general impression of the patient		1	
Determines responsiveness/level of consciousness		1	
Determines chief complaint/apparent life-threats		1	
Assesses airway and breathing			
- Assessment (1 point)		3	
- Assures adequate ventilation (1 point)			
- Initiates appropriate oxygen therapy (1 point)			
Assesses circulation			
<ul> <li>Assesses/controls major bleeding (1 point)</li> </ul>			
- Assesses pulse (1 point)		3	
- Assesses skin [either skin color, temperature, or condition] (1 po	pint)		
Identifies priority patients/makes transport decision		1	
FOCUSED HISTORY AND PHYSICAL EXAMINATION/RAPI	D TRAUMA ASSESSMENT		
History of present Illneess			
- Onset (1 point) - Severity (1 point)		0	
- Provocation (1 point) - Quality (1 point) - Radiation (1 point)		8	
<ul> <li>- Quality (1 point)</li> <li>- Radiation (1 point)</li> <li>- Clarifying questions of associated signs and symptoms as related</li> </ul>	to ODODST (2 points)		
Past medical history	to OPQK31 (2 points)		
- Allergies (1 point) - Past pertinent history (1 point)	- Events leading to present illness (1 point)	5	
- Medications (1 point) - Last oral intake (1 point)	- Events leading to present limess (1 point)	5	
Performs focused physical examination [assess affected body part/sy.	stem if indicated completes rapid assessment]		
- Cardiovascular - Neurological - Integumentary	- Reproductive	5	
- Cardiovascular - Neurological - Integumentary - Pulmonary - Musculoskeletal - GI/GU	- Psychological/Social	5	
Vital signs	1 by enclosed a solution		
- Pulse (1 point) - Respiratory rate and quality	(1 point each)	5	
- Blood pressure (1 point) - AVPU (1 point)			
Diagnostics [must include application of ECG monitor for dyspnea a	nd chest pain]	2	
States field impression of patient		1	
Verbalizes treatment plan for patient and calls for appropriate interven	ntion(s)	1	
Transport decision re-evaluated		1	
ON-GOING ASSESSMENT			
Repeats initial assessment		1	
Repeats vital signs		1	
Evaluates response to treatment		1	
Reports focused assessment regarding patients complaint or injuries		1	
	TOTAL TO PASS 32	46	

#### **CRITICAL FAILURE**

- Failure to initiate or call for transport of the patient within 15 minutes time limit
- Failure to take or verbalize infection control precautions
- Failure to determine scene safety before approaching patient
- Failure to voice and ultimately provide appropriate oxygen therapy
- Failure to assess/provide adequate ventilation
- Failure to find or appropriately manage problems associated with airway, breathing, hemorrhage or shock
- Failure to differentiate patient's need for immediate transportation versus continued assessment and treatment at the scene
- Does other detailed or focused history or physical examination before treating threats to airway, breathing & circulation
- Failure to determine the patient's primary problem
- Orders a dangerous or inappropriate intervention
- Failure to provide for spinal protection when indicated





### Advanced Level Practical Examination Pulse Oximetry

Candidate:	Examiner:		
Date:	Signature:		
Scenario #:	Time Start:	Time End:	
		Points	Points
		Possible	Awarded
Takes, or verbalizes body substance isolation precautions		1	
Places monitor near patient where display can readily be se	en	1	
Attaches sensor probe to patient. Turns monitor on.		1	
Assures proper placement and adequate circulation by pres-	ence of light or display	1	
If location/circulation indicates inadequate, repositions sen	sor probe until proper	1	
sensing is confirmed			
Reports Spo2 reading		1	
	TOTAL	6	

Required to pass – 5 points

CRITICAL CRITERIA: None



#### Advanced Level Practical Examination Nebulized Medication Administration

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

	Possible Points	Points Awarded
Confirms the verbal order	1	
Explains procedure to patient	1	
Takes/verbalizes body substance isolation precautions prior to administration of medication	1	
Checks for known allergies, contraindications and incompatibilities prior to administration of drug	1	
Checks medication for: - Correctness (1 point) - Clarity (1 point) - Expiration date (1 point) - Concentration (1 point)	4	
Selects proper equipment	1	
Unscrews lid on nebulizer to expose medication cup	1	
Adds appropriate amount of medication to cup and reattaches lid	1	
Attaches mouthpiece and any extension tubing to nebulizer	1	
Attaches oxygen supply to nebulizer and adjusts liter flow to create a fine mist of medication (6-10 lpm)	1	
Coaches patient to breathe deeply through the mouth until all liquid is used	1	
Verbalizes need to observe patient for desired/adverse side effects	1	
Disposes of treatment delivery system into proper container	1	
Voices proper documentation of medication administration	1	
Total Possible	17	
Needed to Pass	15	

### Critical Criteria

\_\_\_\_\_ Failure to begin medication administration within 3 minute time limit

Failure to take or verbalize body substance isolation precautions

Contaminates equipment without appropriately correcting the situation

Administers improper medication or dosage (wrong drug or incorrect amount)

\_\_\_\_\_ Failure to dispose of delivery system in proper container



**Advanced Level Practical Examination** VENTILATORY MANAGEMENT (ET)





Candidate:

Examiner \_

Date: \_

Signature: \_

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

Takes or verbalizes infection control precautions	1	
Opens the airway manually	1	
Elevates tongue, inserts simple adjunct [either oropharyngeal or nasopharyngeal airway]	1	
NOTE: Examiner now informs candidate no gag reflex is present and patient accepts adjun	ct	
**Ventilated patient immediately with bag-valve-mask device unattached to oxygen	1	
**Hyperventilates patient with room air	1	
NOTE: Examiner now informs candidate that ventilation is being performed without difficul	ty and that	pulse
oximetry indicates the patient's blood oxygen saturation is 85%		
Attaches oxygen reservoir to bag-valve-mask device and connects to high flow oxygen regulator	1	
[12-15 liters/min.]	I.	
Ventilates patient as a rate of 10-20/minute with appropriate volumes	1	
NOTE: After 30 seconds, examiner auscultates and reports breath sounds are present, equ	al bilateral	y and
medical control has ordered intubation. The examiner must now take over ventilation.		
Directs assistant to pre-oxygenate patient	1	
Identifies/selects proper equipment for intubation	1	
Checks equipment for: - Cuff leaks (1 point) - Laryngoscope operational and bulb tight (1 point)	2	
NOTE: Examiner to remove OPA and move out of the way when candidate is prepared to in	itubate	
Positions head properly	1	
Inserts blade while displacing tongue	1	
Elevates mandible with laryngoscope	1	
Introduces ET tube and advances to proper depth	1	
Inflates cuff to proper pressure and disconnects syringe	1	
Directs ventilation of patient	1	
Confirms proper placement by auscultation bilaterally and over epigastrium	1	
NOTE: Examiner to ask "If you had proper placement, what would you hear?"		
Secures ET tube [may be verbalize]	1	
NOTE: Examiner now asks candidate, "Please demonstrate one additional method of verify	ing proper	tube
placement in this patient."	<b>U</b>	
Identifies/selects proper equipment	1	
Verbalizes findings and interpretations (compares indicator color to the colorimetric scale and	1	
states reading to examiner)	-	
Note: Examiner now states, "You see secretions in the tube and hear gurgling sounds with	the patient	's
exhalation."		
Identifies/selects a flexible suction catheter	1	
Pre-oxygenates patient	1	
Marks maximum insertion length with thumb and forefinger	1	
Inserts catheter into the ET tube leaving catheter port open	1	
At proper insertion depth, covers catheter port and applies suction while withdrawing catheter	1	
Ventilates/directs ventilation of patient as catheter is flushed with sterile water	1	
TOTAL TO PASS 19	27	

#### CRITICAL FAILURE

- Failure to initiate ventilations within 30 seconds after applying gloves or interrupts ventilation for greater than 30 seconds at any time
- Failure to take or verbalize body substance isolation precautions
- Failure to voice and ultimately provide high oxygen concentration [at least 85%]
- Failure to ventilate patient at rate of at least 10/min
- Failure to provide adequate volumes per breath [maximum 2 errors/minute permissible]
- Failure to pre-oxygenate patient prior to intubation and suctioning
- Failure to successfully intubate within 3 attempts
- Failure to disconnect syringe immediately after inflating cuff of ET tube
- Uses teeth as a fulcrum
- Failure to assure proper tube placement by auscultation bilaterally and over the epigastrium
- If used, stylette extends beyond end of ET tube
- Inserts any adjunct in a manner dangerous to patient.
- Suctions the patient for more than 15 seconds
- Does not suction the patient





#### Advanced Level Practical Examination PEDIATRIC (<2 YRS.) VENTILATORY MANAGEMENT

Candidate:

Date: \_

Examiner Signature: \_

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

Taken and the line of the state to a sector be a sector of the sector of			
Takes or verbalizes infection control precautions	1		
Opens the airway manually	1		
Elevates tongue, inserts simple adjunct [either oropharyngeal or nasopharyngeal airway]	1		
NOTE: Examiner now informs candidate no gag reflex is present and patient accepts adjunc	t		
**Ventilated patient immediately with bag-valve-mask device unattached to oxygen	1		
**Hyperventilates patient with room air	1		
NOTE: Examiner now informs candidate that ventilation is being performed without difficulty oximetry indicates the patient's blood oxygen saturation is 85%	/ and that p	ulse	
Attaches oxygen reservoir to bag-valve-mask device and connects to high flow oxygen regulator [12-15 liters/min.]	1		
Ventilates patient as a rate of 20-30/minute with appropriate volumes	1		
NOTE: After 30 seconds, examiner auscultates and reports breath sounds are present, equal bilaterally and medical control has ordered intubation. The examiner must now take over ventilation.			
Directs assistant to pre-oxygenate patient	1		
Identifies/selects proper equipment for intubation	1		
Checks laryngoscope to assure operational with bulb tight	1		
NOTE: Examiner to remove OPA and move out of the way when candidate is prepared to inte	ubate		
Places patient in neutral or sniffing position	1		
Inserts blade while displacing tongue	1		
Elevates mandible with laryngoscope	1		
Introduces ET tube and advances to proper depth	1		
Directs ventilation of patient	1		
Confirms proper placement by auscultation bilaterally and over epigastrium	1		
NOTE: Examiner to ask "If you had proper placement, what would you hear?"			
Secures ET tube [may be verbalize]	1		
TOTAL TO PASS 12	17		

#### **CRITICAL FAILURE**

- Failure to initiate ventilations within 30 seconds after applying gloves or interrupts ventilation for greater than 30 seconds at any time
- Failure to take or verbalize body substance isolation precautions
- Failure to pad under the torso to allow neutral head position or sniffing position
- Failure to voice and ultimately provide high oxygen concentration [at least 85%]
- Failure to ventilate patient at rate of at least 20/min
- Failure to provide adequate volumes per breath [maximum 2 errors/minute permissible]
- Failure to pre-oxygenate patient prior to intubation
- Failure to successfully intubate within 3 attempts
- Uses jums as a fulcrum
- Failure to assure proper tube placement by auscultation bilaterally and over the epigastrium
- Inserts any adjunct in a manner dangerous to patient.
- Attempts to use any equipment not appropriate for the pediatric patient



Adapted from NREMT

NATIONAL REGISTRY EMERGENCY MEDICAL TECHNICIANS

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#### **Advanced Level Practical Examination** DUAL LUMEN AIRWAY DEVICE (COMBITUBE<sup>fi</sup> OR PTL<sup>fi</sup>)

#### Examiner

Candidate: Date: \_

Signature: \_

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

Takes or verbalizes infection control precautions		1	
Opens the airway manually		1	
Elevates tongue, inserts simple adjunct [either or	opharyngeal or nasopharyngeal airway]	1	
NOTE: Examiner now informs candidate no g	gag reflex is present and patient accepts adjunc	t	
**Ventilated patient immediately with bag-valve-m	nask device unattached to oxygen	1	
**Hyperventilates patient with room air		1	
NOTE: Examiner now informs candidate that	ventilation is being performed without difficulty	/	
Attaches oxygen reservoir to bag-valve-mask dev	vice and connects to high flow oxygen regulator	1	
[12-15 liters/min.]		I	
Ventilates patient as a rate of 10-20/minute with a		1	
	es and reports breath sounds are present, equa	l bilaterally	and
medical control has ordered intubation. The e	examiner must now take over ventilation.	1	1
Directs assistant to pre-oxygenate patient		1	
Checks/prepares airway device		1	
Lubricates distal tip of the device (may be verbali	zed)	1	
	ut of the way when candidate is prepared to inte		T
Positions head properly		1	
Performs a tongue-jaw lift		1	
USES COMBITUBE	USES PTL	1	-
Inserts device in mid-line and to depth so	Inserts device in mid-line until bite block flange	1	
printed ring is at level of teeth	is at level of teeth	_	
Inflates pharyngeal cuff with proper volume and	Secures strap	1	
removes syringe			
Inflates distal cuff with proper volume and	Blows into tube #1 to adequately inflate both cuffs	1	
removes syringe		1	
Attaches/directs attachment of BVM to the first [e Confirms placement and ventilation through corre		1	
over the epigastrium and bilaterally over each lun		1	
	and fall of the chest and you only hear sounds	over the	
epigastrium."	and fail of the chest and you only hear sounds		
1 *	d [endotracheal placement] lumen and ventilates	1	1
Attaches/directs attachment of BVM to the second [endotracheal placement] lumen and ventilates Confirms placement and ventilation through correct lumen by observing chest rise, auscultation			
over the epigastrium and bilaterally over each lung		1	
NOTE: Examiner confirms adequate chest ris	e, absent sounds over the epigastrium, and equ	al bilateral	breath
sounds.	· · · · · · · · · · · · · · · · · · ·		
Secures device or confirms that the device remain	ns properly secured	1	
·····	TOTAL TO PASS 14	20	
		-	

#### **CRITICAL FAILURE**

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



## MOUTH-TO-MASK WITH SUPPLEMENTAL OXYGEN

## INSTRUCTIONS TO THE CANDIDATE

This station is designed to test your ability to ventilate a patient with supplemental oxygen using a mouth-to-mask technique. This is an isolated skills test. You may assume that mouth-to-barrier device ventilation is in progress and that the patient has a central pulse. The only patient management required is ventilator support using a mouth-to-mask technique with supplemental oxygen. You must ventilate the patient for at least 30 seconds. You will be evaluated on the appropriateness of ventilatory volumes. You may use any equipment available in this room. You have five minutes to complete this station. Do you have any questions?

## NOTES

## Advanced EMT **Practical Examination**

Please print.

517	-	
3	_	D

**CTATION** 

MOUTH-TO-MASK	Pass
WITH SUPPLEMENTAL	Fail
<b>OX YGEN</b>	raii

Fail \_\_

-

Examiner \_\_\_\_\_

Candidate \_\_\_\_\_

\_\_\_\_\_ Initials \_\_\_\_\_ Date \_\_\_\_\_ Start Time \_\_\_\_\_ Stop Time \_\_\_\_\_

Poin	nts: Possible	Awarded	Comments
Takes, or verbalizes, body substance isolation precautions	C		
Connects one-way valve to mask	1		
Opens patient's airway or confirms patient's airway is open (manually or with a	djunct) 1		
Establishes and maintains a proper mask to face seal	1		
Ventilates the patient at the proper volume and rate			
(700-1000 ml per breath/10-20 breaths per minute)	1		
Candidate ventilated patient prior to connection of supplemental oxygen	С		
Connects the mask to high concentration of oxygen	1		
Adjusts flow rate to at least 15 liters per minute	C		
Continues ventilation of the patient at the proper volume and rate			
(400-600 ml per breath/10-20 breaths per minute)	1		
Note: the examiner must witness ventilations for at least 30 seconds			
Candidate provided proper volume per breath			
(Cannot accept more than 2 ventilations per minute below 400 ml)	C		
Candidate provided 10-20 breaths per minute	С		
Candidate allowed for complete exhalation	С		
Candidate completed the station within the 5 minute time limit	С		

Note: Candidate must complete all critical criteria and receive at least 4 points to pass this station.

Total to pass 4 Total 6

COMMENTS:







#### Advanced Level Practical Examination Nasogastric Tube Insertion

Candidate:	Examiner:		
Date:	Signature:		
Scenario #:	Time Start: Time End:		
		Possible	Points

	Points	Awarded
Takes/verbalizes body substance isolation precautions	1	
Explains procedure to patient	1	
Measures and marks the NG tube to proper length	1	
Positions patient in upright or semi-sitting position	1	
Lubricates distal 3-6" of NG tube	1	
Slightly flexes patient's head	1	
Inserts tube into widest nostril and advances straight back until tube is visible in oropharynx	1	
Instructs patient to repeatedly swallow or sip water while continuing to advance the tube	1	
Inserts tube until mark reaches outer edge of nostril	1	
Injects 20-35 ml of air into tube while auscultating epigastrium to confirm proper placement	1	
Secures tube	1	
Total Possible	11	
Needed to Pass	10	

### Critical Criteria

- Failure to take or verbalize body substance isolation precautions
- \_\_\_\_\_ Failure to explain procedure to patient before attempting to place the tube
- \_\_\_\_\_ Failure to measure and mark NG tube to proper length before insertion
- Failure to verify proper placement by auscultation over epigastrium
- \_\_\_\_\_ Attempts to insert tube in a manner dangerous to the patient



### Advanced Level Practical Examination End Tidal CO2 Detector

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

## Placement of End tidal CO2 detector on a previously intubated patient EMT assistant ventilating intubated patient with BVM

	Points	Points
	Possible	Awarded
Takes, or verbalizes body substance isolation precautions	1	
Verbalizes examining CO2 detector for cracks, damage, and color or indicator against	1	
'Check Color" scale		
Verbalizes confirmation of tube placement by visualization of chest rise and	1	
auscultation of breath sounds		
Removes cap ends from both ports and directs EMT assistant to stop ventilations and	1	
disconnect BVM from ET tube end		
Rapidly attaches detector to ET tube by placing larger plastic tube at bottom of detector	1	
to ET adapter.		
Directs EMT assistant to connect BVM to smaller tube at side of detector and restart	1	
ventilations		
After six or more breaths have been delivered with CO2 detector in place, verifies color	1	
of indicator fluctuates properly		
TOTAL	7	

Required to pass – 5 points

### CRITICAL CRITERIA:

\_\_\_\_ Interrupts ventilations for more than 3 seconds at any time



## UPPER AIRWAY ADJUNCTS AND SUCTION

## **INSTRUCTIONS TO THE CANDIDATE**

This station is designed to test your ability to properly measure, insert and remove an oropharyngeal and nasopharyngeal airway as well as suction a patient's upper airway. This is an isolated skills test comprised of three separate skills. You may use any equipment available in this room. You have five minutes to complete this station. Do you have any questions?

## NOTES

### NEW YORK STATE DEPARTMENT OF HEALTH **Emergency Medical Services**

## Advanced EMT **Practical Examination**

				Ple	ase print.
STATION	UPPER AIRW AY	Pass	Candidate _		
	ADJUNCTS		Examiner		Initials
3 - G	& SUCTION	Fail	Date	Start Time	StopTime
		-			

Points:	Possible	Awarded	Comments
O RO PH A RYN GEAL AIRW AY			
Takes, or verbalizes, body substance isolation precautions	C		
Selects appropriately sized airway	1		
Measures airway	1		
Inserts airway without pushing the tongue posteriorly	1		
Note: The examiner must advise the candidate that the patient is gagging	g		
and becoming conscious			
Removes the oropharyngeal airway	1		

Note: The examiner must advise the candidate to suction the patient's airway		
Turns on/prepares suction device	1	
Assures presence of mechanical suction	1	
Inserts the suction tip without suction	1	
Applies suction to the oropharynx/nasopharynx	1	
Candidate demonstrated acceptable suction technique	С	

## NASOPHARYNGEAL AIRWAY

Note: The examiner must advise the candidate to insert a nasopharyngeal airway		
Selects appropriately sized airway	1	
Measures airway	1	
Verbalizes lubrication of the nasal airway	1	
Fully inserts the airway with the bevel facing toward the septum	1	
Candidate did not insert any adjunct in a manner dangerous to the patient	С	
Candidate completed the station within the 5 minute time limit	С	

Note: Candidate must complete all critical criteria and receive at least 8 points to pass this station. Total to pass 8 Total 12

COMMENTS:

### SUCTION

NASOFRANINGEAL AINW	А
date to insert a nasopharyngeal a	air



### Advanced Level Practical Examination Flow Restricted Oxygen Powered Ventilation

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

	Points	Points
	Possible	Awarded
Assembles resuscitator to oxygen tank	1	
Takes, or verbalizes, body substance isolation precautions	1	
Timing Starts Here		
Selects appropriate size mask	1	
Turns on oxygen	1	
Manually opens patient's airway	1	
Verbalizes or inserts an airway adjunct	1	
Places resuscitator mask over patient's mouth and nose and assures a proper seal	1	
Presses ventilator trigger until patient's chest rises adequately	1	
Ventilates patient at a rate of $\sim 12$ per minute	1	
Note: The examiner must witness for at least 30 seconds		
TOTAL	9	

Required to pass - 6 points

\_\_\_\_ Does not ensure adequate volume as evidenced by rise and fall of chest

\_\_\_\_ Over-inflates the patient's lungs

Does not ventilate patient within 30 seconds (see start time line)

Does not ventilate patient at a rate of 10-20 breaths per minute

\_\_\_\_ Does not allow adequate exhalation





STATION

#### Advanced Level Practical Examination Endotracheal Medication Administration

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

	Possible	Points
	Points	Awarded
Confirms the verbal order	1	
Takes/verbalizes body substance isolation precautions prior to administration of medication	1	
Checks for known allergies, contraindications and incompatibilities prior to administration of drug	1	
Checks medication for:		
- Correctness (1 point)		
- Clarity (1 point)	4	
- Expiration date (1 point)		
- Concentration (1 point)		
Selects proper equipment to administer medication deeply into tracheobronchial tree	1	
Prepares medication	1	
Pre-oxygenates patient	1	
Injects medication	1	
Resumes ventilation of patient	1	
Disposed of needle and syringe into proper container	1	
Disposes of treatment delivery system into proper container	1	
Voices proper documentation of medication administration	1	
Total Possible Points	15	
Points Needed to Pass	14	

### Critical Criteria

- Failure to begin medication administration within 3 minute time limit
- Failure to take or verbalize body substance isolation precautions
- Contaminates equipment without appropriately correcting the situation
- Administers improper medication or dosage (wrong drug or incorrect amount)
- \_\_\_\_\_ Technique did not deliver medication in a manner to provide for deep tracheal absorption
- Failure to appropriately adjust the concentration or increase the dose
- Interruption of ventilations for more than 30 seconds at any time
- Failure to dispose of needle and syringe in proper container



Adapted from NR

**Advanced Level Practical Examination INTRAVENOUS THERAPY** 



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EMT	
Ch.	

STATION

Candidate:	Examiner		
Date:	Signature:		
	Time Start:	Time End:	
Checks selected IV fluid for:			<u> </u>
- Proper fluid (1 point)		2	
- Clarity (1 point)			
Selects appropriate catheter		1	
Selects proper administration set		1	
Connects IV tubing to the IV bag		1	
Prepares administration set [fills drip chamb	per and flushes tubing]	1	
Cuts or tears tape [at any time before venip		1	
Takes/verbalizes infection control precautio	ns [prior to venipuncture]	1	
Applies tourniquet		1	
Palpates suitable vein		1	
Cleanses site appropriately		1	
Performs venipuncture			
<ul> <li>Inserts stylette (1 point)</li> </ul>			
<ul> <li>Notes or verbalizes flashback (1 point)</li> </ul>		5	
- Occludes vein proximal to catheter (1	point)	5	
- Removes stylette (1 point)			
- Connects IV tubing to catheter (1 point	t)		
Releases tourniquet		1	
Runs IV for a brief period to assure patent I		1	
Secures catheter [ tapes securely or verbal	zes]	1	
Adjusts flow rate as appropriate		1	
Disposes/verbalizes disposal of needle in p	roper container	1	1

### **TOTAL TO PASS 15**

TOTAL 21

**CRITICAL FAILURE** Exceeded the 6 minute time

Failure to take or verbalize infection control precautions prior to performing venipuncture Contaminates equipment or site without appropriately correcting situation

Any improper technique resulting in the potential for catheter shear or air embolism Failure to successfully establish IV within 3 attempts during 6 minute time limit

Failure to dispose/verbalize disposal of needle in proper container

NOTE: Check here (\_\_\_\_) if candidate did not establish a patent IV and do not evaluate IV Bolus Medications.



Adapted from NREMT

**Advanced Level Practical Examination** INTRAVENOUS BOLUS MEDICATIONS





Asks patient for know allergies	1	
Selects correct medication	1	
Assures correct concentration of drug	1	
Assembles prefilled syringe correctly and dispels air	1	
Continues infection control precautions	1	
Cleanses injection site (Y-port or hub)	1	
Reaffirms medication	1	
Stops IV flow (pinches tubing)	1	
Administers correct dose at proper push rate	1	
Flushes tubing (runs wide open for a brief period)	1	
Adjusts drip rate to TKO (KVO)	1	
Voices proper disposal of syringe and needle	1	
Verbalizes need to observe patient for desired effect/adverse side effects	1	
TOTAL TO PASS 9	TOTAL 13	

#### TOTAL TO PASS 9

#### **CRITICAL FAILURE**

- Failure to begin administration of medication within 3 minute time limit
- Contaminates equipment or site without appropriately correcting situation
- Failure to adequately dispel air resulting in potential for air embolism Injects improper drug or dosage (wrong drug, incorrect amount, or pushes at inappropriate rate)
- Failure to flush IV tubing after injecting medication
- Recaps needle or failure to dispose/verbalize disposal of syringe and needle in proper container



NATIONAL REGISTRY

OF EMERGENCY

MEDICAL TECHNICIANS

## New York State Department of Health Bureau of Emergency Medical Services

## Advanced Level Practical Examination PEDIATRIC INTRAOSSEOUS INFUSION

Candidate:	Examiner
Date:	Signature:
	Time Start: Time End:

TOTAL TO PASS 16 TOT	AL 23	
Secures needle with tape and supports with bulky dressing	1	
Connects administration set and adjusts flow rate as appropriate	1	
Slowly injects saline to assure proper placement of needle	1	
Attaches syringe and extension set to IO needle and aspirates	1	
Disposes of needle in proper container	1	
- Unscrews cap and removes stylette from needle (1 point)	- · ·	
- Advances needle with twisting motion until "pop" is felt (1 point)		
<ul> <li>Inserts needle at proper angle (1 point)</li> </ul>	4	
- Stabilizes tibia (1 point)		
Performs IO puncture:		
Cleanses site appropriately	1	
Identifies proper anatomical site for IO puncture	1	
Takes or verbalizes body substance isolation precautions [prior to IO puncture]	1	
Cuts or tears tape [at any time before IO puncture]	1	
Prepares syringe and extension tubing	1	
Prepares administration set [fills drip chamber and flushes tubing]	1	
Connect administration set to bag	1	
Selects proper administration set	1	
- Extension set (1 point)		
- Saline (1 point)		
- Syringe (1 point)	4	
- IO needle (1 point)		
Selects appropriate equipment to include:		
- Clarity (1 point)	2	
<ul> <li>Checks selected IV fluid for:</li> <li>Proper fluid (1 point)</li> </ul>	2	

### CRITICAL FAILURE

- \_\_\_\_\_ Failure to establish a patent and properly adjusted IO line within the 6 minute time limit
- \_\_\_\_ Failure to take or verbalize infection control precautions prior to performing IO puncture
- Contaminates equipment or site without appropriately correcting situation
- \_\_\_\_ Performs any improper technique resulting in the potential for air embolism
- \_\_\_\_ Failure to successfully establish IO infusion within 2 attempts during 6 minute time limit
- Performing IO puncture in an unacceptable manner [improper site, incorrect needle angle, etc.]
- Failure to dispose of needle in proper container
- \_\_\_\_ Orders or performs any dangerous or potentially harmful procedure







#### Advanced Level Practical Examination Intravenous Piggyback Medications

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

	Possible Points	Points Awarded
Confirms the verbal order	1	
Takes/verbalizes body substance isolation precautions prior to administration of medication	1	
Checks for known allergies, contraindications and incompatibilities prior to administration of drug	1	
Checks selected I.V. fluid for: - Proper fluid (1 point) - Clarity (1 point)	2	
Checks medication for: - Correctness (1 point) - Clarity (1 point) - Expiration date (1 point)	3	
Injects proper amount of drug into I.V. solution, given scenario	1	
Connects proper administration set to medication solution	1	
Prepares administration set (fills drip chamber and flushes tubing)	1	
Attaches appropriate needle to administration set	1	
Cleanses port of primary line	1	
Inserts needle into port without contamination	1	
Adjusts flow of medication line as required	1	
Stops flow of primary line	1	
Secures needle in place	1	
Verbalizes need to observe patient for desired/adverse side effects	1	
Voices proper documentation of medication administration	1	
Total Possible	19	
Needed to Pass	16	

### Critical Criteria

- \_\_\_\_\_ Failure to begin medication administration within 5 minute time limit
- \_\_\_\_\_ Failure to take or verbalize body substance isolation precautions
- \_\_\_\_ Contaminates equipment without appropriately correcting the situation
- Administers improper medication or dosage (wrong drug or incorrect amount)
- Failure to dispel air from medication line causing potential for air embolism





#### Advanced Level Practical Examination Intramuscular/Subcutaneous Medication Administration

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

	Possible Points	Points Awarded
Confirms the verbal order	1	
Explains procedure to patient	1	
Takes/verbalizes body substance isolation precautions prior to administration of medication	1	
Checks for known allergies, contraindications and incompatibilities prior to administration of drug	1	
Checks medication for:         -       Correctness (1 point)         -       Clarity (1 point)         -       Concentration (1 point)         -       Expiration date (1 point)	4	
Selects proper equipment	1	
Draws up proper amount of medication	1	
Identifies proper site for injection	1	
Cleanses site appropriately	1	
Introduces needle at appropriate angle with bevel up	1	
Aspirates for blood return	1	
Administers medication	1	
Withdraws needle and dresses the injection site	1	
Disposes of needle and syringe in proper container	1	
Verbalizes need to observe patient for desired/adverse side effects	1	
Voices proper documentation of medication administration	1	
Total Possible	19	
Needed to Pass	17	

### Critical Criteria

- Failure to administer medication within 3 minute time limit
- \_\_\_\_\_ Failure to take or verbalize body substance isolation precautions
- Contaminates equipment without appropriately correcting the situation
- Administers improper medication or dosage (wrong drug, incorrect amount or inappropriate rate)
- Technique or equipment used would have resulted in drug being deposited into wrong tissue
- Failure to dispose of needle and syringe in proper container

DCH	New York State Department of Health Bureau of Emergency Medical Services	
Adapted from NREMT	Critical Care & Paramedic Practical Examination CARDIAC ARREST SKILLS STATION STATIC CARDIOLOGY	<b>5 -</b> A
Candidate:	Examiner	
Date:	Signature:	
Set #		

Note: No points for treatment may be awarded if the diagnosis is incorrect. Only document incorrect responses in spaces provided

STRIP #1	1	
Diagnosis:	•	
Treatment:		
	2	
	r	
STRIP #2	1	
Diagnosis:	1	
Treatment:		
	2	
STRIP #3	1	
Diagnosis:		
Treatment:		
	2	
	1	

STRIP #4		
STRIP #4 Diagnosis: Treatment:	1	
Treatment:		
	2	

TOTAL 12



NATIONAL REGISTRY

EMERGENCY MEDICAL TECHNICIANS

## New York State Department of Health Bureau of Emergency Medical Services



## Critical Care & Paramedic Practical Examination CARDIAC ARREST SKILLS STATION DYNAMIC CARDIOLOGY

Candidate:	Examiner
Date:	Signature:
Set #	Time Start: Time End:

Takes or verbalizes infection control precautions	1	
Checks level of responsiveness	1	
Checks ABC's	1	
Initiates CPR if appropriate [verbally]	1	
Performs "Quick Look" with paddles	1	
Correctly interprets initial rhythm	1	
Appropriately manages initial rhythm	2	
Notes change in rhythm	1	
Checks patient condition to include pulse and if appropriate, BP	1	
Appropriately manages second rhythm	2	
Notes change in rhythm	1	
Checks patient condition to include pulse and, if appropriate, BP	1	
Correctly interprets third rhythm	1	
Appropriately manages third rhythm	2	
Notes changes in rhythm	1	
Checks patient condition to include pulse and, if appropriate, BP	1	
Correctly interprets fourth rhythm	1	
Appropriately manages fourth rhythm	2	
Orders high percentages of supplemental oxygen at proper times	1	

### TOTAL TO PASS 17

TOTAL 24

## CRITICAL FAILURE

- \_\_\_\_ Failure to deliver first shock in a timely manner due to operator delay in machine use or providing treatments other than CPR with simple adjuncts
- \_\_\_\_ Failure to deliver second or third shocks without delay other than the time required to reassess and recharge paddles
- \_\_\_\_ Failure to verify rhythm before delivering each shock
- \_\_\_\_\_ Failure to ensure the safety of self and others [verbalizes "All clear" and observes]
- \_\_\_\_ Inability to deliver DC shock [does not use machine properly]
- Failure to demonstrate acceptable shock sequence
- Failure to order initiation or resumption of CPR when appropriate
- \_\_\_\_ Failure to order correct management of airway [ET when appropriate]
- Failure to administration of appropriate oxygen at proper time
- Failure to diagnose or treat 2 or more rhythms correctly
- \_\_\_\_ Orders administration of an inappropriate drug or lethal dosage
- \_\_\_\_ Failure to correctly diagnose or adequately treat v-fib, v-tach, or asystole



### Advanced Level Practical Examination External Cardiac Pacing

Candidate:	Examiner:		
Date:	Signature:		
Scenario #:	Time Start:	Time End:	
		Points	Points

	Possible	Awarded
Takes, or verbalizes body substance isolation precautions	1	
Attach ECG leads to obtain an initial rhythm strip	1	
If the patient is alert, verbalizes explaining procedure to patient.	1	
If patient is alert, considers requesting medical control order for analgesic/sedation	1	
Prepares clean, dry skin sites	1	
Apples pacing pad properly and in correct location	1	
Verifies pacing cable attached to pads and monitor correctly	1	
Turns on pacing function and observes ECG monitor screen to verify proper sensing of	1	
QRS		
Sets initial pacing rate (~80 per minute)	1	
Gradually increases amount of current until capture is confirmed	1	
Verbalizes reassessment of patients vital signs and general response to the procedure	1	
Verbalizes documentation of time, rate, current, patient response, & attachment of	1	
baseline & pacing strips to PCR		
TOTAL	12	

Required to pass – 9 points

CRITICAL CRITERIA:

\_\_\_\_ Failure to place pacing pads properly

Failure to set appropriate rate and output



### **Advanced Level Practical Exam** Synchronized Cardioversion

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

	Points	Points
	Possible	Awarded
Takes, or verbalizes, body substance isolation precautions	1	
Attaches monitor to patient and verifies rhythm requiring cardioversion	1	
Discusses medical control request for analgesia/sedation for conscious patient	1	
Assures large upright QRS complex. Adjusts ECG size is QRS size is not initially	1	
adequate		
Applies defibrillation pads to chest in proper location or places paddles on patient's	1	
chest as in defibrillation		
Presses power button and selects desired energy setting	1	
Pushes synchronizer button until "sync" light is on	1	
Assures sync light is flashing. If light is not flashing, turns up ECG size button until	1	
light begins to flash		
Visually and verbally "clears" the area around the patients	1	
Once patient is "clear", presses discharge button and holds down until defibrillator	1	
fires		
Once energy is delivered, verifies rhythm and determines if another shock is	1	
necessary		
Examiner states that rhythm and patient condition are unchanged		
Repeats same steps using the next energy level per protocol or order	1	
Once energy is delivered, verifies rhythm and determines if another shock is	1	
necessary		
Examiner states that rhythm has converted to normal sinus		
Evaluates patient's vital signs and general response to procedure	1	
TOTAL	14	

Required to pass – 10 points

### CRITICAL CRITERIA

Did not assure all individuals were clear of patient before delivering each shock \_\_\_\_

Did not operate synchronizer properly. (Inability to deliver shock) Did not hold discharge button down until defibrillator fired

## CARDIAC ARREST MANAGEMENT

## **INSTRUCTIONS TO THE CANDIDATE**

This station is designed to test your ability to manage a prehospital cardiac arrest by integrating CPR skills, defibrillation, airway adjuncts and patient/scene management skills. There will be an EMT assistant in this station. The EMT assistant will only do as you instruct. As you arrive on the scene, you will encounter a patient in cardiac arrest. A first responder is present performing good quality single rescuer CPR for at least 2 minutes prior to your arrival. You must immediately establish control of the scene and begin resuscitation of the patient with an automated external defibrillator. At the appropriate time, the patient's airway must be controlled and you must ventilate or direct the ventilation of the patient using adjunctive equipment. You may use any of the supplies available in this room. You have fifteen (15) minutes to complete this skill station. Do you have any questions?

## NOTES

### NEW YORK STATE DEPARTMENT OF HEALTH Bureau of Emergency Medical Services

## Advanced EMT Practical Examination

					PI	ease Prii	nt
STAT	ΓΙΟΝ	CARDIAC ARREST	Pass	Candidate			
5	E	MANAGEMENT	Fail	Examiner			Initials
		AED	Faii				Stop Time
						<u>ر</u> ه ۲	8
							ĩ
				Points	: <	Awarden A	Comments
	Takes of	or verbalizes, body substand	e isolation precau	itions	С		
Ę	Directs	rescuer to continue CPR			1		
ASSESSMENT & INITIAL TREATMENT		s adequate CPR (verbalizes lequate (visible) chest rise du		fast, full chest reco	<i>il"</i> ) 1		
ШЧ.	Turns o	on AED			1		
RE	Properl	ly attaches AED pads in the	correct locations		1		
S L	Directs	rescuer to stop CPR			1		
SS	Ensures all individuals are clear of the patient		1				
Ϋ́Ļ	Initiates analysis of the patient's rhythm		1				
2			C				
	Immediately directs CPR to begin without performing a pulse check		1				
	TRAN	SITION			1		
	Verball	y verifies lack of rescuer/con	npressor fatigue				
	Assures adequate CPR (verbalizes " <i>push hard, push fast, full chest recoil</i> ") <u>and</u> adequate (visible) chest rise during ventilations			<i>il</i> ") 1			
	Verbali	zes insertion of a simple airv	vay adjunct (oral/r	nasal airway)	1		
N	Assure	s high concentration of oxyg	en is delivered to	the patient	1		
Ĕ	CPR co	ontinues without unnecessar	y/prolonged interr	uption	1		
RA	Re-eva	luates patient in approximate	ely two (2) minute	S	1		
INTEGRATION	Candid	ate verbalizes defibrillation s	equence protocol	(NYS BLS Protoco	l) 1		
IN	Verbali	zes transportation of patient			1		
	Candid	ate initiated first shock withir	n 90 seconds of a	rrival	С		
	Assure	d all individuals were clear o	f patient before de	elivering each shock			
	Directed initiation/resumption of ventilation/compressions at appropriate times		times C				
	Candid	ate completed station within	15 minute time lin	nit	С		
	Note:	Candidate must com receive at least 12 po			16		

Total to pass: 12

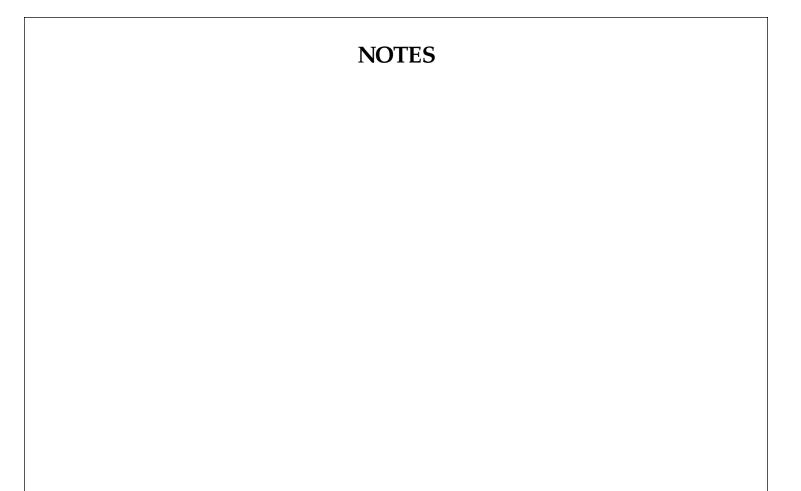
COMMENTS:



## SPINAL IMMOBILIZATION SKILLS SEATED PATIENT

## INSTRUCTIONS TO THE CANDIDATE

This station is designed to test your ability to provide spinal immobilization on a patient using a short spine immobilization device. You and an AEMT assistant arrive on the scene of an automobile crash. The scene is safe and there is only one patient. The assistant AEMT has completed the initial assessment and no critical condition requiring intervention was found. For the purpose of this station, the patient's vital signs remain stable. You are required to treat the specific, isolated problem of an unstable spine using a short spine immobilization device. You are responsible for the direction and subsequent actions of the AEMT assistant. Transferring and immobilizing the patient to the long backboard should be accomplished verbally. You have 10 minutes to complete this skill station. Do you have any questions?



### NEW YORK STATE DEPARTMENT OF HEALTH Emergency Medical Services

## Advanced EMT Practical Examination

Please print.	
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STAT	ION
6 -	A

SPINAL		
IMMOBILIZATION		
SEATED PATIENT		

r	1	i icu	
Pass	Candidate		
	Examiner		Initials
Fail	Date	Start Time	Stop Time

Point	ts: Possible	Awarde	ed Comments
Takes, or verbalizes, body substance isolation precautions	C		
Directs assistant to place and maintain head in the neutral in-line position	C		
Reassesses motor, sensory and circulatory function in each extremity	1		
Applies appropriately sized extrication collar	1		
Positions the immobilization device behind the patient	1		
Secures the device to the patient's torso	1		
Evaluates torso fixation and adjusts as necessary	1		
Evaluates and pads behind the patient's head as necessary	1		
Secures the patient's head to the device	1		
Verbalizes moving the patient to a long board	1		
Reassesses motor, sensory and circulatory function in each extremity	C		
Did not release or order release of manual immobilization before it was			
maintained mechanically	C		
Patient was not manipulated or moved excessively, to cause potential spinal con	npromise C		
Did not move device excessively up, down, left, right on the patient's torso	C		
Head immobilization does not allow for excessive movement	C		
Torso fixation does not inhibit chest rise, resulting in respiratory compromise	C		
Upon completion of immobilization, head is in the neutral position	С		
Immobilized the torso before the head	С		
Candidate completed station within 10 minute time limit	С		

Note: Candidate must complete all critical criteria and receive at least 6 points to pass this station. Total to pass 6 Total 8

COMMENTS:



## SPINAL IMMOBILIZATION-SUPINE PATIENT

## INSTRUCTIONS TO THE CANDIDATE

This station is designed to test your ability to provide spinal immobilization on a patient using a long spine immobilization device. You arrive on the scene with an AEMT assistant. The assistant AEMT has completed the scene size-up as well as the initial assessment and no critical condition was found which would require intervention. For the purpose of this testing station, the patient's vital signs remain stable. You are required to treat the specific problem of an unstable spine using a long spine immobilization device. When moving the patient to the device, you should use the help of the assistant AEMT and the evaluator. The assistant AEMT should control the head and cervical spine of the patient while you and the evaluator move the patient to the immobilization device. You are responsible for the direction and subsequent action of the AEMT assistant. You may use any equipment available in this room. You have 10 minutes to complete this skill station. Do you have any questions?

## NOTES

### NEW YORK STATE DEPARTMENT OF HEALTH **Emergency Medical Services**

## Advanced EMT **Practical Examination**

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SPINAL
IMMOBILIZATION
SUPINE PATIENT

Pass Fail

Examiner \_\_\_\_\_

Please print. Candidate

Initials Date \_\_\_\_\_ Start Time \_\_\_\_\_ Stop Time \_\_\_\_\_

P	oints: Possible	Awarde	ed Comments
Takes, or verbalizes, body substance isolation precautions	C		
Directs assistant to place and maintain head in the neutral in-line position	С		
Reassesses motor, sensory and circulatory function in each extremity	1		
Applies appropriately sized extrication collar	1		
Positions the immobilization device appropriately	1		
Directs movement of the patient onto the device without compromising the	e integrity		
of the spine	С		
Applies padding to voids between the torso and the board as necessary	1		
Secures the patient's torso to the device	1		
Secures the patient's legs to the device	1		
Secures the patient's head to the device	1		
Secures the patient's arms	1		
Reassesses motor, sensory and circulatory function in each extremity	С		
Did not release or order release of manual immobilization before it was			
maintained mechanically	C		
Patient was not manipulated or moved excessively, to cause potential spinal	compromise C		
Did not move device excessively up, down, left, right on the patient's torso	С		
Head immobilization does not allow for excessive movement	С		
Upon completion of immobilization, head is in the neutral position	С		
Immobilized the torso before the head	С		
Candidate completed station within 10 minute time limit.	C		

Note: Candidate must complete all critical criteria and receive at least 6 points to pass this station. Total to pass 6 Total 8

COMMENTS:







### Advanced Level Practical Examination BLEEDING CONTROL/SHOCK MANAGEMENT

Candidate	·	Examiner	
Date:		Signature:	
		Time Start: Time End:	
г	<del>.</del>		
	Takes or verbalizes infection control precautions		
	Applies direct pressure to the wound		1
	Elevates the extremity		1

NOTE: The examiner must now inform the candidate that the wound continues to bleed			
Applies an additional dressing to the wound	1		
Note: The examiner must now inform the candidate that the wound is still conti	nuing to b	leed.	
The second dressing does not control bleeding.			
Locates and applies pressure to appropriate arterial pressure point	1		
Note: The examiner must now inform the candidate that the bleeding is controlled.			
Bandages the wound	1		
Note: The examiner must now inform the candidate that the patient is exhibiting sign			
symptoms of hypoperfusion.			
Properly position the patient	1		
Administers high concentration oxygen	1		
Initiates steps to prevent heat loss from the patient	1		
Indicates the need for immediate transportation	1		

TOTAL TO PASS 7

TOTAL 10

### CRITICAL FAILURE

- \_\_\_\_ Did not take or verbalize body substance isolation precautions
- \_\_\_\_ Did not apply high concentration of oxygen
- Applies tourniquet before attempting other methods of hemorrhage control
- Did not control hemorrhage in a timely manner
- \_\_\_\_ Did not indicate the need for immediate transportation



## IMMOBILIZATION SKILLS – TRACTION SPLINTING

## INSTRUCTIONS TO THE CANDIDATE

This station is designed to test your ability to properly immobilize a mid-shaft femur injury with a traction splint. You will have an AEMT assistant to help you in the application of the device by applying manual traction when directed to do so. You are required to treat only the specific, isolated injury to the femur. The scene size-up and initial assessment have been accomplished on the victim and during the focused assessment a mid-shaft femur deformity was detected. Ongoing assessment of the patient's airway, breathing and central circulation is not necessary. You may use any equipment available in this room. You have 10 minutes to complete this skill station. Do you have any questions?

## NOTES

### NEW YORK STATE DEPARTMENT OF HEALTH Emergency Medical Services

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## Advanced EMT Practical Examination

<b>TATION</b>	IMMOBILIZATION	Pass	Candidate		F
	SKILLS		Examiner		Initials
	TRACTION SPLINTING	Fail	Date	Start Time	Stop Time

Points:	Possible	e Awarde	ed Comments
Takes, or verbalizes, body substance isolation precautions	C		
Directs application of manual stabilization of the injured leg	1		
Candidate assesses motor, sensory and circulatory function in the injured extremity	/ C		
Note: The examiner acknowledges "motor, sensory and circulatory functi	ion		
are present and normal"			
Directs the application of manual traction	1		
Prepares/adjusts splint to the proper length	1		
Applies the splint to the injured leg	1		
Applies the proximal security device (e.g ischial strap)	1		
Applies the distal securing device (e.g ankle hitch)	1		
Applies mechanical traction	1		
Positions/secures the support straps	1		
Re-evaluates the proximal/distal security devices	1		
Candidate reassesses motor, sensory and circulatory function in the injured extrem	ity C		
Note: The examiner acknowledges "motor, sensory and circulatory functi	ion		
are present and normal"			
Note: The examiner must ask the candidate how he/she would prepare			
the patient for transportation			
Verbalizes securing the torso to the long board to immobilize the hip	1		
Verbalizes securing the splint to the long board to prevent movement of the splint	1		
Traction is maintained throughout application of splint	С		
The foot was not excessively rotated or extended after the splint was applied	С		
Secured the ischial strap before applying mechanical traction	С		
Final immobilization supported the femur and prevented rotation of the injured leg	С		
Applied mechanical traction before securing the leg to the splint	С		
Candidate completed the station within the 10 minute time limit	С		

Note: If the Sagar splint or the Kendricks Traction Device is used without elevating the patient's leg, application of manual traction is not necessary. The candidate should be awarded one point as if manual traction were applied.

Note: If the leg is elevated at all, manual traction must be applied before elevating the leg. The ankle hitch may be applied before elevating the leg and used to provide manual traction.

Note: Candidate must complete all critical criteria and receive at least 7 points to pass this station. Total to pass 7 Total 11

COMMENTS:



### **Advanced Level Practical Examination** Immobilizing a Child or Infant in a Child/Infant Safety Seat

Candidate:	Examiner:		
Date:	Signature:		
Scenario #:	Time Start:	Time End	d:
CRITERIA		Points Possible	Points Awarded
Takes, or verbalizes, body substance isolation precautions	3	1	
Directs assistant to take manual stabilization of the head		1	
Assesses distal sensory, motor, and circulatory function in	n each extremity	1	
Assesses any damage to child safety seat		1	
Places extrication collar or equivalent		1	
Immobilizes the child's torso snugly into the seat with tow either side of the body	vel rolls as needed on	1	
Secures the cloth rolls and child with tape		1	
Immobilizes the child's head with towel rolls on each side towel in a horseshoe shape over the child's head extendin		1	
Secures the towel/s with tape, starting at one side of the s		1	
and anchoring the tape on the other side of the seat.			
Reassesses distal sensory, motor, and circulatory function	in each extremity	1	
Cuts or removes the seat belt that secures the child seat to		1	
removes safety seat from car			
	TOTAL	11	

Required to pass - 8 points

Did not immediately direct, or take, manual stabilization of the head

\_\_\_\_ Released, or ordered release of, manual stabilization before it was secured mechanically

\_\_\_\_ Failed to immobilize properly - allows for excessive movement

\_\_\_\_\_ Upon completion of immobilization, head is not in the neutral position

Did not reassess motor, sensory, and circulatory function after immobilization to the device Immobilized head before securing the torso



### Advanced Level Practical Examination Extrication of a Child from Child Safety Seat

Candidate:	Examiner:		
Date:	Signature:		
Scenario #:	Time Start:	Time End	:
CRITERIA		Possible Points	Points Awarded
Takes, or verbalizes, body substance isolation precautions		1	
Directs assistant to take manual stabilization of the head		1	
Apply an extrication collar or equivalent		1	
Assesses motor, sensory, and circulatory function of the ext	remities	1	
Release or cut the seat belt that secures the child safety seat	to the car seat	1	
Remove the child safety seat from the car and set it on a first spine board)	n surface (such as a	1	
Position the safety seat to overlap the bottom end of the spin	ne board	1	
Tilt the safety seat so that the back of the seat rests on the s	pine board.	1	
Cut or release the shoulder and chest straps that secure the	child to the seat	1	
Maintaining spinal stabilization, slide the child out of the se extrication device	at and onto the	1	
Secure the child to the extrication device		1	
Reassesses motor, sensory, and circulatory function of the e	extremities	1	
	τοται	12	

Required to pass - 9 points

CRITICAL CRITERIA:

- Did not immediately direct, or take, manual stabilization of the head
- Released, or ordered release of, manual stabilization before it was maintained mechanically
- Patient manipulated, or moved excessively, causing potential spinal compromise
- Failed to immobilize properly allows for excessive movement
- Upon completion of immobilization, head is not in neutral position
- Does not reassess distal C/S/M function following completion of immobilization
- Immobilized head to the board before securing the torso



#### Advanced Level Practical Examination Extrication of Infant from Infant Safety Seat

Candidate:	Examiner:		
Date:	Signature:		
Scenario #:	Time Start:	_ Time End:	
CRITERIA		Possible Points	Points Awarded
Takes or verbalizes body substance isolation precau	tions	1	
Directs assistant to take and maintain manual stabili	zation of the head	1	
Applies an extrication collar or equivalent		1	
Assesses circulatory, sensory and motor function of	each extremity	1	
Releases or cuts the seat belt that secures the infant s	seat to the car seat	1	
Removes the infant seat from the car and sets it next	to short spine board or equivalent	1	
(KED, etc.)			
Places padding on spine board for under infants upp	er back and shoulders	1	
Cuts or removes the shoulder or chest strap that secu	res the infant in the safety seat	1	
Slides arm board or equivalent thin board behind inf	ant	1	
With assistant maintaining head stabilization while a	also holding board, removes infant	1	
on board from seat and places on spine board			
Secures the infant to the spine board or extrication d		1	
Reassesses motor, sensory, and circulatory function	of each extremity	1	
	TOTAL	12	

Required to pass - 9 points

CRITICAL CRITERIA:

- Did not immediately take, or direct, manual stabilization of the head
- Released, or ordered release of, manual stabilization before it was maintained mechanically
- Did not pad behind infant's upper back and shoulders
- Patient manipulated, or moved excessively, causing potential spinal compromise
- Failed to immobilize properly allows for excessive movement
- Upon completion of immobilization, head is not in neutral position
- \_\_\_\_ Did not reassess motor, sensory, and circulatory function in each extremity after immobilization to the device

Immobilized head to the board before securing the torso



### Advanced Level Practical Examination (EMT-CC) Newborn Resuscitation

Candidate:	Examiner:
Date:	Signature:
Scenario #:	Time Start: Time End:

CRITERIA	Points Possible	Points Awarded
Takes, or verbalizes, body substance isolation precautions	1	
Verifies apnea and pulselessness (or slow heart/respiratory rate)	1	
Dries, warms, suctions, stimulates and positions infant to encourage spontaneous improvement	1	
Ventilate infant (using proper BVM being careful not to over inflate lungs)	1	
Verbalizes consideration of Endotracheal Intubation (does not intubate)	1	
Provides Chest Compressions for Heart Rate below 60bpm (appropriate hand placement, rate)	1	
Obtains Vascular Access Route (I.V / I.O.)	1	
Administers medication appropriately (dose, route)	2	
Reassesses patient after each intervention	1	
TOTAL	10	

Required to pass - 8 points

#### **Critical Failure Criteria**

- \_\_\_\_\_ Failure to take Body Substance Isolation precautions
- \_\_\_\_\_ Failure to Dry, Warm, Suction, Stimulate and Position before using Adjuncts or Invasive Therapy
- \_\_\_\_\_ Failure to administer medication properly
- Failure to Reassess patient after each intervention