



National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination

BLEEDING CONTROL/SHOCK MANAGEMENT

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
Applies direct pressure to the wound	1	
NOTE: The examiner must now inform the candidate that the wound continues to bleed.		
Applies tourniquet	1	
NOTE: The examiner must now inform the candidate that the patient is exhibiting signs and symptoms of hypoperfusion.		
Properly positions the patient	1	
Administers oxygen	1	
Initiates steps to prevent heat loss from the patient	1	
Indicates the need for immediate transportation	1	
Actual Time Ended: _____	TOTAL	7

CRITICAL CRITERIA

- _____ Uses or orders a harmful intervention
- _____ Exhibits unprofessional behavior

You must factually document your rationale for checking any of the above critical criteria on the reverse side of this form.



**National Registry of Emergency Medical Technicians
Advanced Emergency Medical Technician Psychomotor Examination**

**CARDIAC ARREST MANAGEMENT /
AED**

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
Determines the scene/situation is safe	1	
Attempts to question any bystanders about arrest events	1	
Checks patient responsiveness	1	
Assesses breathing and pulse simultaneously – Assesses patient for signs of breathing [observes the patient and determines the absence of breathing or abnormal breathing (gaspings or agonal respirations)] (1 point) – Checks carotid pulse [no more than 10 seconds] (1 point)	2	
Immediately begins chest compressions [adequate depth and rate; allows the chest to recoil completely]	1	
Requests additional EMS response	1	
Performs 2 minutes of high quality, one-rescuer adult CPR – Adequate depth and rate (1 point) – Correct compression-to-ventilation ratio (1 point) – Allows the chest to recoil completely (1 point) – Adequate volumes for each breath (1 point) – Minimal interruptions of less than 10 seconds throughout (1 point)	5	
NOTE: After 2 minutes (5 cycles), patient is assessed, and second rescuer resumes compressions while candidate operates AED.		
Turns on power to AED	1	
Follows prompts and correctly attaches AED to patient	1	
Stops CPR and ensures all individuals are clear of the patient during rhythm analysis	1	
Ensures that all individuals are clear of the patient and delivers shock from AED	1	
Immediately directs rescuer to resume chest compressions	1	
Actual Time Ended: _____	TOTAL	18

CRITICAL CRITERIA

- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

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**National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination**

INTRAVENOUS BOLUS MEDICATIONS

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____ 3-minute time limit	Possible Points	Points Awarded
Asks patient for known allergies	1	
Selects correct medication	1	
Assures correct concentration of medication	1	
Assembles prefilled syringe correctly and dispels air	1	
Continues to take or verbalize appropriate PPE precautions	1	
Identifies and cleanses injection site closest to the patient [Y-port or hub]	1	
Reaffirms medication	1	
Stops IV flow	1	
Administers correct dose at proper push rate	1	
Disposes/verbalizes proper disposal of syringe and needle in proper container	1	
Turns IV on and adjusts drip rate to TKO/KVO	1	
Verbalizes need to observe patient for desired effect and adverse side effects	1	
Actual Time Ended: _____	TOTAL	12

CRITICAL CRITERIA

- Uses or orders a harmful intervention
- Exhibits unprofessional behavior

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**National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination**

INTRAVENOUS THERAPY

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____ 6-minute time limit	Possible Points	Points Awarded
Checks selected IV fluid for: - Proper fluid (1 point) - Clarity (1 point) - Expiration date (1 point)	3	
Selects appropriate catheter	1	
Selects proper administration set	1	
Connects IV tubing to the IV bag	1	
Prepares administration set [fills drip chamber and flushes tubing]	1	
Cuts or tears tape [at any time before venipuncture]	1	
Takes or verbalizes appropriate PPE precautions [prior to venipuncture]	1	
Applies tourniquet	1	
Palpates suitable vein	1	
Cleanses site appropriately	1	
Performs venipuncture - Inserts stylette (1 point) - Notes or verbalizes flashback (1 point) - Occludes vein proximal to catheter (1 point) - Removes stylette (1 point) - Connects IV tubing to catheter (1 point)	5	
Disposes/verbalizes proper disposal of needle in proper container	1	
Releases tourniquet	1	
Runs IV for a brief period to assure patent line	1	
Secures catheter [tapes securely or verbalizes]	1	
Adjusts flow rate as appropriate	1	
Actual Time Ended: _____	TOTAL 22	

CRITICAL CRITERIA

- Fails to establish a patent IV within three attempts
- Uses or orders a harmful intervention
- Exhibits unprofessional behavior

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**National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination**

JOINT IMMOBILIZATION

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
Directs application of manual stabilization of the injury	1	
Assesses distal motor, sensory, and circulatory functions in the injured extremity	1	
NOTE: The examiner acknowledges, "Motor, sensory, and circulatory functions are present and normal."		
Selects the proper splinting material	1	
Immobilizes the site of the injury	1	
Immobilizes the bone above the injury site	1	
Immobilizes the bone below the injury site	1	
Secures the entire injured extremity	1	
Reassesses distal motor, sensory, and circulatory functions in the injured extremity	1	
NOTE: The examiner acknowledges, "Motor, sensory, and circulatory functions are present and normal."		
Actual Time Ended: _____	TOTAL	9

CRITICAL CRITERIA

- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

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**National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination**

LONG BONE IMMOBILIZATION

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____ **Possible Points** **Points Awarded**

Takes or verbalizes appropriate PPE precautions	1	
Directs application of manual stabilization of the injury	1	
Assesses distal motor, sensory, and circulatory functions in the injured extremity	1	
NOTE: The examiner acknowledges, "Motor, sensory, and circulatory functions are present and normal."		
Measures the splint	1	
Applies the splint	1	
Immobilizes the joint above the injury site	1	
Immobilizes the joint below the injury site	1	
Secures the entire injured extremity	1	
Immobilizes the hand/foot in the position of function	1	
Reassesses distal motor, sensory, and circulatory functions in the injured extremity	1	
NOTE: The examiner acknowledges, "Motor, sensory, and circulatory functions are present and normal."		

Actual Time Ended: _____ **TOTAL** 10

CRITICAL CRITERIA

- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

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**National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination**

PATIENT ASSESSMENT - MEDICAL

Candidate: _____ **Examiner:** _____

Date: _____ **Signature:** _____

Scenario #: _____

	Possible	Points
Actual Time Started: _____ 15-minute time limit	Points	Awarded
Takes or verbalizes appropriate PPE 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	
PRIMARY ASSESSMENT		
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) - Assures adequate ventilation (1 point) - Initiates appropriate oxygen therapy (1 point)	3	
Assesses circulation - Assesses/controls major bleeding (1 point) - Assesses skin [either skin color, temperature, or condition] (1 point) - Assesses pulse (1 point)	3	
Identifies priority patients/makes transport decision	1	
HISTORY TAKING AND SECONDARY ASSESSMENT		
History of present illness - Onset (1 point) - Severity (1 point) - Provocation (1 point) - Time (1 point) - Quality (1 point) - Clarifying questions of associated signs and symptoms as related to OPQRST (2 points) - Radiation (1 point)	8	
Past medical history - Allergies (1 point) - Past pertinent history (1 point) - Events leading to present illness (1 point) - Medications (1 point) - Last oral intake (1 point)	5	
Performs secondary assessment [assesses affected body part/system or, if indicated, completes rapid assessment] - Cardiovascular - Pulmonary - Genitourinary - Neurological - Musculoskeletal - Reproductive - Integumentary - Gastrointestinal - Psychological/Social	5	
Vital signs - Pulse (1 point) - Respiratory rate (1 point) - Level of consciousness (1 point) - Blood pressure (1 point) - Respiratory quality (1 point)	5	
Diagnostics [blood glucose test, pulse oximetry, etc.] as indicated	2	
States field impression of patient	1	
Verbalizes treatment plan for patient and calls for appropriate intervention(s)	1	
Re-evaluates transport decision	1	
REASSESSMENT		
Repeats primary assessment	1	
Repeats vital signs	1	
Evaluates response to treatments	1	
Repeats secondary assessment regarding patient complaint or injuries	1	
Actual Time Ended: _____	TOTAL	48

CRITICAL CRITERIA

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- _____ Exhibits unprofessional behavior

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National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination

**PATIENT ASSESSMENT -
TRAUMA**

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Scenario #: _____

Actual Time Started: _____ 10-minute time limit	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE 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	
PRIMARY ASSESSMENT/RESUSCITATION		
Verbalizes general impression of the patient	1	
Determines responsiveness/level of consciousness	1	
Determines chief complaint/apparent life threats	1	
Airway	2	
- Opens and assesses airway (1 point)		
- Inserts appropriately sized adjunct (1 point)		
Breathing	4	
- Assesses breathing (1 point)		
- Assures adequate ventilation (1 point)		
- Administers oxygen (1 point)		
- Manages any injury which may compromise breathing/ventilation (1 point)		
Circulation	4	
- Checks pulse (1 point)		
- Assesses skin [either skin color, temperature, or condition] (1 point)		
- Assesses for and controls major bleeding if present (1 point)		
- Initiates shock management (1 point)		
Identifies priority patients/makes transport decision based upon calculated GCS	1	
HISTORY TAKING		
Obtains, or directs assistant to obtain, baseline vital signs	1	
Attempts to obtain SAMPLE history	1	
SECONDARY ASSESSMENT		
Head	3	
- Inspects the head (1 point)		
- Palpates the skull (1 point)		
- Assesses eyes for reactivity (1 point)		
Neck	3	
- Inspects position of trachea (1 point)		
- Inspects jugular veins (1 point)		
- Palpates cervical spine (1 point)		
Chest	3	
- Inspects chest (1 point)		
- Palpates chest (1 point)		
- Auscultates chest (1 point)		
Abdomen/pelvis	3	
- Inspects abdomen (1 point)		
- Palpates abdomen (1 point)		
- Assesses pelvis (1 point)		
Lower extremities	2	
- Inspects, palpates, and assesses motor, sensory, and distal circulatory functions (1 point/leg)		
Upper extremities	2	
- Inspects, palpates, and assesses motor, sensory, and distal circulatory functions (1 point/arm)		
Posterior thorax, lumbar, and buttocks	2	
- Inspects posterior thorax (1 point)		
- Palpates posterior thorax (1 point)		
Manages secondary injuries and wounds appropriately	1	
Reassesses patient	1	
Actual Time Ended: _____	TOTAL	42

CRITICAL CRITERIA

- ____ Uses or orders a harmful intervention
- ____ Exhibits unprofessional behavior

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**National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination**

PEDIATRIC INTRAOSSEOUS INFUSION

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____ 6-minute time limit	Possible Points	Points Awarded
Checks selected IV fluid for: - Proper fluid (1 point) - Clarity (1 point) - Expiration date (1 point)	3	
Selects appropriate equipment to include: - IO needle (1 point) - Syringe (1 point) - Saline (1 point) - Extension set or three-way stopcock (1 point)	4	
Selects proper administration set	1	
Connects administration set to bag	1	
Prepares administration set [fills drip chamber and flushes tubing]	1	
Prepares syringe and extension tubing or three-way stopcock	1	
Cuts or tears tape [at any time before IO puncture]	1	
Takes or verbalizes appropriate PPE precautions [prior to IO puncture]	1	
Identifies proper anatomical site for IO puncture	1	
Cleanses site appropriately	1	
Performs IO puncture: - Stabilizes tibia without placing hand under puncture site and "cupping" leg (1 point) - Inserts needle at proper angle (1 point) - Advances needle to the appropriate depth (1 point) - Removes stylette (1 point)	4	
Disposes/verbalizes proper disposal of needle in proper container	1	
Attaches syringe and extension set to IO needle and aspirates; or attaches three-way stopcock between administration set and IO needle and aspirates; or attaches extension set to IO needle [aspiration is not required for any of these as many IO sticks are "dry" sticks]	1	
Injects saline to confirm placement	1	
Adjusts flow rate/bolus as appropriate	1	
Secures needle and supports with bulky dressing [tapes securely or verbalizes]	1	
Actual Time Ended: _____	TOTAL	24

CRITICAL CRITERIA

- ___ Fails to establish a patent IO within two attempts
- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

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**National Registry of Emergency Medical Technicians
Advanced Emergency Medical Technician Psychomotor Examination**

**PEDIATRIC RESPIRATORY
COMPROMISE**

Candidate: _____ Examiner: _____
Date: _____ Signature: _____

Actual Time Started: _____

	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
Verbalizes general impression of the patient	1	
Determines level of consciousness	1	
Assesses the airway [looks for secretions and signs of foreign body airway obstruction; listens for audible noises and voice sounds]	1	
Assesses breathing [checks rate, rhythm, chest excursion, audible noises]	1	
Attaches pulse oximeter and evaluates SpO ₂ reading	1	
NOTE: Examiner now informs candidate, "Pulse oximeter shows a saturation of 82%."		
Selects proper delivery device and attaches to oxygen	1	
Administers oxygen at proper flow rate [blow-by oxygen, non-rebreather mask]	1	
Checks pulse	1	
Evaluates perfusion [skin color, temperature, condition; capillary refill]	1	
Obtains baseline vital signs	1	
NOTE: Examiner now advises candidate that patient begins to develop decreasing SpO₂, decreasing pulse rate, see-saw respirations, head bobbing, drowsiness, etc.		
Places patient supine and pads appropriately to maintain a sniffing position	1	
Manually opens airway	1	
Selects appropriately sized airway adjunct	1	
NOTE: Examiner now informs candidate no gag reflex is present, and patient accepts airway adjunct. The patient's respiratory rate is now 20/minute.		
Inserts airway adjunct properly and maintains head and neck for ventilation	1	
Selects appropriate BVM and attaches reservoir to oxygen flowing at 12 – 15 L/minute	1	
Assures tight mask seal to face	1	
Ventilates at sufficient volume to cause chest rise	1	
NOTE: The examiner must now ask the candidate, "How would you know if you are delivering appropriate volumes with each ventilation?"		
Observes skin signs, capnography/capnometry, or pulse oximeter to determine adequacy of ventilation	1	
Calls for immediate transport of patient	1	
Actual Time Ended: _____	TOTAL	20

CRITICAL CRITERIA

- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

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National Registry of Emergency Medical Technicians
Advanced Level Psychomotor Examination

SUPRAGLOTTIC AIRWAY DEVICE

Candidate: _____ Examiner: _____
Date: _____ Signature: _____
Device: _____

NOTE: If candidate elects to initially 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 30 seconds.

Actual Time Started: _____	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
Opens the airway manually	1	
Inserts appropriately sized airway adjunct	1	
NOTE: Examiner must now inform candidate no gag reflex is present, and patient accepts adjunct.		
**Ventilates patient immediately with bag-valve-mask device	1	
**Ventilates patient with room air	1	
NOTE: Examiner must now inform candidate that ventilation is being performed without difficulty 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 [12 – 15 L/minute]	1	
Ventilates patient with appropriate volumes	1	
NOTE: After 30 seconds, examiner must auscultate and report breath sounds are present and equal bilaterally, and medical direction has ordered insertion of a supraglottic airway. The examiner must now take over ventilation.		
Checks/prepares supraglottic airway device	1	
Lubricates distal tip of the device [may be verbalized]	1	
NOTE: Examiner must now remove airway adjunct and move out of the way when candidate is prepared to insert device.		
Positions head properly	1	
Performs a tongue-jaw lift	1	
Inserts device to proper depth	1	
Properly secures device per manufacturer's instructions	1	
Ventilates patient and confirms proper ventilation by auscultation bilaterally over lungs and over the epigastrium	1	
Adjusts ventilation as necessary	1	
Verifies proper tube placement by secondary confirmation such as capnography, capnometry, esophageal detector device, or colorimetric device	1	
NOTE: The examiner must now ask the candidate, "How would you know if you are delivering appropriate volumes with each ventilation?"		
Secures device or confirms that the device remains properly secured	1	
Observes skin signs, capnography/capnometry, or pulse oximeter to determine adequacy of ventilation	1	
Actual Time Ended: _____	TOTAL	18

CRITICAL CRITERIA

- ___ Fails to establish a patent airway within three attempts
- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

You must factually document your rationale for checking any of the above critical criteria on the reverse side of this form.