



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

INTRAVENOUS THERAPY

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

Level of Testing: Advanced EMT Intermediate/99 Paramedic

Actual Time Started: _____	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

NOTE: Check here if candidate did not establish a patent IV within 3 attempts in 6 minutes. Do **not** evaluate the candidate in IV Bolus Medications.

Critical Criteria

- ___ Failure to establish a patent and properly adjusted IV within 6 minute time limit
- ___ Failure to take or verbalize appropriate PPE precautions prior to performing venipuncture
- ___ Contaminates equipment or site without appropriately correcting the situation
- ___ Performs any improper technique resulting in the potential for uncontrolled hemorrhage, catheter shear, or air embolism
- ___ Failure to successfully establish IV within 3 attempts during 6 minute time limit
- ___ Failure to dispose/verbalize disposal of blood-contaminated sharps immediately in proper container at the point of use
- ___ Failure to manage the patient as a competent EMT
- ___ Exhibits unacceptable affect with patient or other personnel
- ___ Uses or orders a dangerous or inappropriate intervention

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

INTRAVENOUS BOLUS MEDICATIONS

Actual Time Started: _____	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

- ___ Failure to continue to take or verbalize appropriate PPE precautions
- ___ Failure to begin administration of medication within 3 minute time limit
- ___ Contaminates equipment or site without appropriately correcting the situation
- ___ Failure to adequately dispel air resulting in potential for air embolism
- ___ Injects improper medication or dosage [wrong medication, incorrect amount, or pushes at inappropriate rate]
- ___ Failure to turn-on IV after injecting medication
- ___ Recaps needle or failure to dispose/verbalize disposal of syringe and other material in proper container
- ___ Failure to manage the patient as a competent EMT
- ___ Exhibits unacceptable affect with patient or other personnel
- ___ Uses or orders a dangerous or inappropriate intervention

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