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**
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Checks selected IV fluid for:
- Proper fluid (1 point)  | 3
- Clarity (1 point)  | 2
- Expiration date (1 point)  | 2

Selects appropriate catheter  | 2
Selects proper administration set  | 2
Connects IV tubing to the IV bag  | 2
Prepares administration set [fills drip chamber and flushes tubing]  | 2
Cuts or tears tape [at any time before venipuncture]  | 2
Takes or verbalizes appropriate PPE precautions [prior to venipuncture]  | 2
Applies tourniquet  | 2

**Total = 22**

**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
- Performs any improper technique resulting in the potential for uncontrolled hemorrhage, catheter shear, or air embolism
- Contaminates equipment or site without appropriately correcting the situation
- 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.

Actual Time Ended: __________

INTRAVENOUS BOLUS MEDICATIONS

**Possible Points** | **Points Awarded**
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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

**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
- 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.

Actual Time Ended: __________