

# 12 LEAD ECG

Candidate: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_**INITIAL**      \_\_\_\_\_**RETEST**

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
Explains procedure to the patient	1	
Properly position the patient (supine or semi-reclined)	1	
Properly prepare the skin for electrode application (may be verbalized)	1	
Place the 4 (four) limb leads	1	
Print an ECG tracing (optional)	1	
Properly locates the Angle of Louis	1	
Locates the 2 <sup>nd</sup> intercostal space (ICS)	1	
Moves finger down to 4 <sup>th</sup> ICS	1	
Applies V1 (just right of the sternum) & V2 (just left of the sternum)	1	
Moves finger down from 4 <sup>th</sup> ICS to 5 <sup>th</sup>	1	
Applies V4 to (left 5 <sup>th</sup> ICS, MCL)	1	
Applies V3 (between V2 & V4)	1	
Applies V5 (5 <sup>th</sup> ICS left anterior axillary line)	1	
Applies V6 (5 <sup>th</sup> ICS left mid-axillary line)	1	
Ensures all leads are attached	1	
Records the tracing (optional)	1	
Transmit to receiving hospital (if available)	1	
<b>Total</b>	<b>17</b>	

- \_\_\_\_\_
- EMT successfully and individually demonstrated competency in the above tasks and is competent to obtain and transmit a 12 lead ECG without supervision.
  - EMT **did not** demonstrate competency to obtain and transmit a 12 lead ECG without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

# ADVANCED SPINAL ASSESSMENT

Candidate; \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ **INITIAL**      \_\_\_\_\_ **RETEST**

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
Manual immobilization	1	
Determines reliable patient (calm, cooperative, sober, alert and oriented to person place & time, no distracting injuries, etc.)	1	
Ask patient if spine and/or neck pain is present	1	
Palpate entire spine for tenderness	1	
Performs finger abduction & adduction for both upper extremities	2	
Performs finger/wrist flexion & extension for both upper extremities	2	
Performs foot/great toe flexion & extension for both lower extremities	2	
Performs neurosensory exam for soft vs. sharp touch in both upper & lower extremities	4	
Perform neurosensory exam for gross sensation (numbness/tingling, paresthesias or radiating pain) for all extremities	4	
If patient meets above criteria has patient flex, extend and rotate their neck without pain	3	
Verbalize documentation	1	
Evaluator asks the candidate what action would be taken if one of the above criteria resulted in an abnormal exam		
Candidate indicates applying cervical collar to provide spinal motion restriction	1	
<b>TOTAL</b>	<b>23</b>	_____

- EMT/AEMT/Paramedic successfully and individually demonstrated competency in the above tasks and is competent to perform an advanced spinal assessment without supervision.
- EMT/AEMT/Paramedic **did not** demonstrate competency to perform an advanced spinal assessment without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

**ALBUTEROL/IPRATROPIUM  
NEBULIZER MEDICATION ADMINISTRATION**

Candidate: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ **INITIAL**      \_\_\_\_\_ **RETEST**

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
Obtains patient allergies	1	
Explains procedure to patient	1	
Selects correct medications	1	
List indications for medications and contraindications	1	
Checks label for correct drug, concentration and expiration date	1	
Obtains baseline lung sounds	1	
Places patient on cardiac monitor	1	
Recites proper dose for each medication	1	
Properly places medication into nebulizer reservoir and tightly closes	1	
Attaches appropriate end of nebulizer tubing to oxygen source	1	
Secures mouthpiece or mask to reservoir end	1	
Turns on oxygen until mist flows from mouthpiece of nebulizer	1	
Re-questions patient on known allergies and rechecks medication and dose	1	
Places mask on patient or assists patient in holding mouthpiece, as needed	1	
Instructs patient to breath slowly through his/her mouth	1	
Adjusts oxygen flow so medicated mist is inhaled with each breath, not flowing throughout	1	
Monitors patient throughout administration	1	
Reassesses patient for change in condition - both desired and undesired effects	1	
Correctly documents administration and patient response	1	

TOTAL      19      \_\_\_\_\_

- AEMT successfully and individually demonstrated competency in the above tasks and is competent to administer Duoneb via nebulizer without supervision.
- AEMT **did not** demonstrate competency to administer Duoneb via nebulizer without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

# BLOOD GLUCOSE MONITORING

Candidate; \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ **INITIAL**      \_\_\_\_\_ **RETEST**

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
Explain procedure to the patient	1	
Prepares equipment according to manufacturer's recommendation	1	
Locate puncture site	1	
Proper cleansing technique	1	
Check expiration date on test strip	1	
Open test strip and insert as manufacturer's recommendation	1	
Perform puncture with auto-lancing procedure or as manufacturer's recommendation (may verbalize if simulating)	1	
Properly disposes lancet	1	
Collects blood sample	1	
Bandages puncture site to protect against infection	1	
Read & document glucometer results	1	
Remove test strip and properly dispose	2	
Assesses patient's response to the intervention	1	

Total                      14                      \_\_\_\_\_

- EMT successfully and individually demonstrated competency in the above tasks and is competent to obtain a blood glucose reading without supervision.
- EMT **did not** demonstrate competency to a blood glucose reading without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

State of New Hampshire  
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# CARDIAC EPINEPHRINE 0.1 mg/mL ADMINISTRATION

Candidate: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ INITIAL      \_\_\_\_\_ RETEST

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
List medication indications	1	
List medication contraindications	1	
Verbalizes establishment of a patent IV	1	
Asks patient for known allergies	1	
Selects correct medication	1	
Assures correct concentration of drug	1	
Checks label expiration date	1	
Checks medication for cloudiness or discoloration	1	
Assembles pre-filled syringe correctly and dispels air	1	
Body substance isolation precautions	1	
Cleanses injection site (Y-port or hub)	1	
Reaffirms medication and patient's known allergies	1	
Stops IV flow (pinch tubing or shut off)	1	
Administers correct dose at proper push rate	1	
Disposes syringe and needle in proper sharps container	1	
Flushes tubing (runs wide open for a brief period)	1	
Adjusts drip rate to TKO/KVO	1	
Verbalizes need to observe patient for desired effect/adverse side effects	1	

TOTAL      18      \_\_\_\_\_

- AEMT successfully and individually demonstrated competency in the above tasks and is competent to administer cardiac epinephrine without supervision.
- AEMT **did not** demonstrate competency to administer cardiac epinephrine without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

# CPAP

Candidate; \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_**INITIAL**      \_\_\_\_\_**RETEST**

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
Verbalize Indications	4	
Properly positions patient in the upright position	1	
Auscultate lung sounds to verify ventilation of both lungs and obtain baseline	2	
Explain procedure to patient & applies 100% oxygen (may be verbalized)	1	
Attach CPAP device to oxygen supply and checks connections of oxygen hoses & tubing	1	
Turns oxygen supply on and checks cylinder contents	1	
Verifies controls and/or valves are set to desired parameters per manufacturer's recommendation	1	
Sets air mix to 100% (if applicable)	1	
Sets PEEP pressure to no greater than 15 cm H <sub>2</sub> O	1	
Applies patient port to face mask to patient & checks for leaks	1	
Continues to assess patient	1	
Once patient is acclimated to the mask secures with straps and rechecks for leaks	1	
Continues to monitor patient	1	

TOTAL      17      \_\_\_\_\_

- AEMT successfully and individually demonstrated competency in the above tasks and is competent to administer CPAP without supervision.
- AEMT **did not** demonstrate competency to administer CPAP without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

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**Division of Fire Standards and Training and**  
**Emergency Medical Services**

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# CYANOKIT<sup>®</sup> ADMINISTRATION - ALS

Candidate: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_ **INITIAL**      \_\_\_\_ **RETEST**

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
List indications	1	
Establishes IV (may verbalize)	1	
Place vial of hydroxocobalamin in an upright position and using the transfer spike add 200 mL of normal saline. Fill to the fill line.	1	
Rock the vial for at least 60 seconds but do not shake.	1	
Inspect the vial for color and particulate matter. Candidate should see a dark red solution.	1	
Using the vented IV tubing infuse over 15 minutes	1	
Reassess patient	1	
<b>TOTAL</b>	<b>7</b>	_____

- AEMT successfully and individually demonstrated competency in the above tasks and is competent to administer hydroxocobalamin without supervision.
- AEMT **did not** demonstrate competency to administer hydroxocobalamin without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

**State of New Hampshire**  
**Department of Safety**  
**Division of Fire Standards and Training and**  
**Emergency Medical Services**

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## LIDOCAINE via INTRAOSSEOUS

Candidate: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ **INITIAL**      \_\_\_\_\_ **RETEST**

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
Prepares appropriate equipment to include FDA commercial intraosseous insertion device	1	
Place the patient in a supine position	1	
Identify the bony landmarks as appropriate for device	1	
Prep the site	1	
Correctly follows manufacturer's insertion recommendations	1	
Needle stands without support	1	
Aspiration with syringe yields blood with marrow particulate matter	1	
Infusion of saline does not result in infiltration at the site	1	
Attach IV tubing	1	
Insure patient has no allergies or sensitivity to lidocaine	1	
If using an extension tubing without stopcock, prime with lidocaine 2% (preservative free)	1	
Prepare appropriate dose of lidocaine: Adult 1 – 2.5 mL (20 – 50 mg) 2% lidocaine Pediatric 0.5 mg/kg 2% lidocaine	1	
SLOWLY administer lidocaine through the IO device catheter into the medullary space	1	
Allow 2 – 5 minutes for anesthetic effects	1	
Flush with 10 mL of 0.9% NaCl rapid bolus Use of a stop cock in-line with syringe for bolus infusions Use a pressure bag for continuous 0.9 NaCl infusion	2	
Stabilize needle	1	
<b>TOTAL</b>	<b>17</b>	_____

- AEMT successfully and individually demonstrated competency in the above tasks and is competent to administer lidocaine via interosseous without supervision.
- AEMT **did not** demonstrate competency to administer lidocaine via intraosseous without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

# ATOMIZED NASAL NALOXONE ADMINISTRATION

Candidate: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ INITIAL      \_\_\_\_\_ RETEST

Evaluator: \_\_\_\_\_

Time allowed: 5 minutes

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
<b>SCENE SIZE UP &amp; BSI (scene information will be provided by the evaluator)</b>		
Verbalizes check for scene safety	1	
Verbalizes body substance isolation precautions	1	
Checks level of consciousness and assesses breathing	1	
Checks for pulse	1	
Identifies need for naloxone administration (narcotic overdose, pinpoint pupils, severe respiratory depression)	1	
<b>MEDICATION PREPARATION</b>		
Checks medication expiration date	1	
Properly assembles medication for administration	1	
<b>MEDICATION ADMINISTRATION</b>		
Inserts atomizer into simulated patient's nare	1	
Administers ½ the vial (1ml) of medication into simulated patient's nare	1	
Inserts atomizer into patient's second nare	1	
Administers second ½ of the vial (1ml) of medication into simulated patient's nare	1	
<b>CONVERSION</b>		
Places patient in recovery position	1	
Monitors patient for possible vomiting and combativeness	1	
Evaluates patient condition and determines need for additional naloxone administration	1	

TOTAL      14      \_\_\_\_\_

- EMS Provider successfully and individually demonstrated competency in the above tasks and is competent to administer naloxone without supervision.
- EMS Provider **did not** demonstrate competency to administer naloxone without supervision, additional training is required.

# ODANSETRON MEDICATION ADMINISTRATION

Candidate: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_ INITIAL      \_\_\_\_\_ RETEST

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
Obtains patient allergies	1	
Explains procedure to patient	1	
Selects correct medications	1	
List indications for medications and contraindications	1	
Checks label for correct drug, concentration and expiration date	1	
Recites proper dose for each medication	1	
Re-questions patient on known allergies and rechecks medication and dose	1	
Instructs patient to lift their tongue and place ondansetron tablet under the tongue	1	
Instructs patient to allow the tablet to dissolve	1	
Reassesses patient for change in condition - both desired and undesired effects	1	
Correctly documents administration and patient response	1	
<b>TOTAL</b>	<b>11</b>	_____

- AEMT successfully and individually demonstrated competency in the above tasks and is competent to administer ondansetron without supervision.
- AEMT **did not** demonstrate competency to administer ondansetron without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

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01/2018

## Ready, Check, Inject Competency Training Program

The *Ready, Check, Inject* training program is comprised of two separate elements that all providers must complete **before** utilizing the new protocol. The first element is the NHOODLE online training *Ready, Check, Inject*. The presentation can be viewed individually or as a group. The second element is a brief psychomotor competency designed to be completed at the service or MRH. Services who intend to utilize the Ready, Check, Inject project are required to document completion of both elements of the training program for any EMT who intends to use the IM medication administration route.

### Psychomotor Training:

- This document outlines the supplies, objectives and procedure for the practical training of the Ready, Check, Inject program. **EMTs must first view the Ready, Check, Inject presentation on our NHOODLE Online Learning Academy** and then successfully complete this psychomotor training in order to become credentialed to administer epinephrine via syringe.
- An AEMT or higher is required to facilitate this psychomotor training, designated by the Unit's Medical Director.
- The practical may be repeated as many times as necessary to obtain competency. Facilitators should not approve candidates until they feel comfortable that the EMT can safely and competently administer epinephrine via syringe without supervision.
- Materials Required:
  - **Ready, Check, Inject Instruction card**
  - **1 mL syringes**
    - Services may use expired and/or previously opened clean syringes and needles.
  - **1" safety needle**
    - Services may use expired and/or previously opened clean syringes and needles.
  - **Vial of medication**
    - Services may use expired or previously opened medication vials. 10mL vials of normal saline offer a low cost alternative if expired medications are not available.
  - **Injection trainer or suitable alternative to perform IM injections.**
    - If an injection manikin trainer is not available, consider using fruit such as an orange or a lemon to simulate the IM injection.
  - **Alcohol prep pads**
  - **Sharps disposal container**
  - **Gloves**
- Psychomotor Objectives:
  - List the supplies necessary to complete a *Ready, Check, Inject* intramuscular injection.
  - Demonstrate the ability to correctly withdraw medication from a vial.
  - Demonstrate the ability to utilize the *Ready, Check, Inject* resources to prepare a proper dose of medication for both adult and pediatric patients.
  - Using an injection trainer or suitable alternative, demonstrate safe technique when administering an intramuscular injection.

## Ready, Check, Inject Psychomotor Training Check Sheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Evaluator: \_\_\_\_\_

EMS Agency: \_\_\_\_\_

	Skill/Knowledge Area	Yes	No	Comments
Know- ledge	1. Explains indications for epinephrine administration in anaphylaxis			
	2. Identifies proper doses for adult and pediatric patients			
Prep	3. Identifies and gathers all necessary supplies			
	4. Dons appropriate personal protective equipment (gloves)			
Ready	5. Attaches needle to syringe, maintaining aseptic technique			
	6. Removes cap from medication vial			
	7. Cleans top of vial with alcohol prep pad			
	8. Inserts needle into epinephrine vial			
	9. Withdraws appropriate volume of medication			
	10. Removes air bubbles from syringe			
Check	11. Expels any additional air and fluid to reach correct volume			
	12. Confirms correct medication (epinephrine 1mg/1mL) a. Identifies role of person 2: visually inspect and confirm medication			
	13. Confirms the correct dose has been selected a. Identifies role of 2 <sup>nd</sup> person: confirm dose chosen is appropriate			
	14. Visually inspects syringe for correct volume and no air bubbles a. Identifies role of 2 <sup>nd</sup> person: visually inspect and confirm			
Inject	15. Identifies proper site for injection**			
	16. Flattens skin with thumb and forefinger			
	17. Inserts needle quickly at 90° angle to skin			
	18. Depresses plunger slowly to inject			
	19. Removes syringe and activates needle safety mechanism			
	20. Disposes needle and syringe in proper sharps container			
	21. Explains procedure if needle becomes contaminated after drawing medication and before injection			

\*\* It is acceptable for step 15 of “identifies proper site for injection” to be completed after step 4 before preparation of medication.

\*\*If an analog is being used for injection, the EMT must identify the correct site on a person and then may complete following steps on the analog

- EMT successfully and individually demonstrated competency in the above tasks and is competent to administer epinephrine via syringe without supervision.
- EMT **did not** demonstrate competency to administer epinephrine via syringe without supervision, additional training is required.

Evaluator Signature: \_\_\_\_\_

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

# SUPRAGLOTTIC AIRWAY

Candidate: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_ **INITIAL**      \_\_\_\_\_ **RETEST**

Evaluator: \_\_\_\_\_

Time allowed: 10 minutes

Start: \_\_\_\_\_

Stop: \_\_\_\_\_

Total Time: \_\_\_\_\_

	Points Possible	Points Awarded
SCENE SIZE UP & BSI (scene information will be provided by the evaluator)		
Verbalizes indications (cardiac arrest)	1	
Verbalizes contraindications (maxillofacial/oral trauma, esophageal disease, ingestion of caustic substance, burns involving the airway)	1	
Follows manufacturer guidelines for preparation and insertion procedure	4	
Confirm appropriate placement by symmetrical chest-wall rise, auscultation of equal breath sounds over the chest and lack of epigastric sounds with BVM ventilation, and capnography.	3	
Secure the device	1	
Verbalizes documentation requirements (time, provider, provider level, any failed attempts and success for the procedure)	4	
Reassess placement	1	

TOTAL      15      \_\_\_\_\_

- EMT successfully and individually demonstrated competency in the above tasks and is competent to perform supraglottic airway insertion and management without supervision.
- EMT **did not** demonstrate competency perform supraglottic airway insertion and management without supervision, additional training is required.

You must factually document on the back of this sheet the reason(s) for not awarding points or for checking any critical criteria.

**State of New Hampshire**  
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