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|  <b>Section of Emergency Medical Services</b> | <b>INDEX</b>       | Section VIII. B. |
|  | <b>EFFECTIVE</b>   | 03/27/2014       |
|  | <b>LAST REVIEW</b> | 03/01/2014       |
|  | <b>PAGES</b>       | 4                |
|  | <b>LEVEL</b>       | AEMT             |

**Advanced Procedures and Skill for Advanced Emergency Medical Technician ONLY**

Emergency Medical Personnel are permitted to perform only those skills listed under their licensure level, and only once they have been trained on those skills, and credentialed to perform those skills by the agency Medical Director. Emergency Medical Personnel are permitted to administer only medications listed under their licensure level, and only once they are trained in the pharmacology of that medication, and credentialed to administer that medication by the EMS agency Medical Director.

**NOTE: If a skill is listed on this document, then the Advanced Emergency Medical Technician is permitted to perform the skill. Interpretive guidelines serve to clarify and/or modify the skill listed. Gaps in numbering/lettering (i.e. going from 1 to 3) on a skill group mean that the unlisted skill is not permitted at the Advanced Emergency Medical Technician level.**

| Airway and Breathing Skills |   | Interpretive Guidelines |  |
|-----------------------------|---|-------------------------|--|
| 1.                          | Supplemental oxygen therapy   |                         |  |
|                             | a. Oxygen delivery devices  | AEMT                    | <i>This would include any type of cannula or mask designed for the delivery of supplemental oxygen.</i>                                  |
|                             | b. Humidified oxygen  | AEMT                    |  |
| 2.                          | Basic airway management   |                         |  |
|                             | a. Manual maneuvers to open and control the airway                  | AEMT                    | <i>This would include procedures such as: head-tilt, chin-lift; tongue-jaw lift; modified chin lift; jaw thrust; Sellick's maneuver.</i> |
|                             | b. Manual maneuvers to remove an airway obstruction                 | AEMT                    |  |
|                             | c. Insertion of airway adjuncts intended to go into the oropharynx  | AEMT                    |  |
|                             | d. Insertion of airway adjuncts intended to go into the nasopharynx | AEMT                    |  |
| 3.                          | Ventilation management  |                         |  |
|                             | a. mouth to barrier devices   | AEMT                    |  |
|                             | b. bag-valve-mask   | AEMT                    |  |
|                             | c. manually triggered ventilators                                   | AEMT                    |  |
|                             | d. automatic transport ventilators                                  | AEMT*                   | <i>AEMTs are limited to the initiation during resuscitative efforts of ventilators that only adjust rate and tidal volume.</i>           |

| Airway and Breathing Skills |   | Interpretive Guidelines |   |
|-----------------------------|---|-------------------------|---|
| 4.                          | Suctioning                                  |                         |   |
|                             | a. Upper airway suctioning                  | AEMT                    |   |
|                             | b. Tracheobronchial suctioning              | AEMT*                   | <i>AEMTs are limited to tracheobronchial suctioning of patients with pre-established airways.</i> |
| 5.                          | Advanced airway management                  |                         |   |
|                             | a. CPAP/BiPAP administration and management | AEMT                    |   |

| Assessment Skills |  | Interpretive Guidelines |  |
|-------------------|--|-------------------------|--|
| 1.                | Basic assessment skills                          |                         |  |
|                   | a. Perform simple patient assessments            | AEMT                    |  |
|                   | b. Perform comprehensive patient assessments     | AEMT                    |  |
|                   | c. Obtaining vital signs manually                | AEMT                    | <i>Includes the use of a manual BP cuff.</i>   |
| 2.                | Advanced assessment skills                       |                         |  |
|                   | a. Obtaining vital signs with electronic devices | AEMT                    | <i>This would include the use of non-invasive blood pressure monitoring devices, as well as pulse oximetry measurement and blood glucose monitoring.</i> |

| Pharmacological Intervention Skills |   | Interpretive Guidelines |  |
|-------------------------------------|---|-------------------------|--|
| 1.                                  | Fundamental pharmacological skills  |                         |  |
|                                     | a. Use of unit dose commercially pre-filled containers or auto-injectors for the administration of life saving medications intended for self, peer, or patient rescue in hazardous materials situations | AEMT                    |  |
|                                     | b. Assist patients in taking their own prescribed medications as approved by medical direction  | AEMT                    |  |
|                                     | c. Administration of over-the-counter medications with appropriate medical direction  | AEMT                    | <i>Includes oral glucose for hypoglycemia and aspirin for chest pain of suspected ischemic origin.</i>   |
| 2.                                  | Advanced pharmacological skills: venipuncture/vascular access   |                         |  |
|                                     | a. Obtaining peripheral venous blood specimens  | AEMT                    | <i>This is either through direct venipuncture or through an existing peripheral IV catheter.</i>   |
|                                     | b. Peripheral IV insertion and maintenance (includes removal as needed)   | AEMT                    |  |
|                                     | c. Intraosseus device insertion (includes removal as needed)  | AEMT                    | <i>This includes placement in both adult and pediatric patients. This also includes both manual and mechanically assisted devices as approved by the local EMS medical director.</i> |

| Pharmacological Intervention Skills |   | Interpretive Guidelines  |
|-------------------------------------|---|--|
| 3.                                  | Administration of medications/fluids  |  |
| a.                                  | Crystalloid IV solutions  | AEMT <i>This includes hypotonic, isotonic, and hypertonic solutions as approved by medical direction. This also includes combination solutions (i.e. D5LR, D5NS, etc.). AEMTs are limited to the initiation of crystalloid solutions that do not have added pharmacological agents</i> |
| b.                                  | Administration of hypertonic dextrose solutions for hypoglycemia                                      | AEMT <i>Hypertonic dextrose solutions may be given IV/IO.</i>  |
| c.                                  | Administration of glucagon for hypoglycemia   | AEMT <i>Glucagon may be administered via IM, SC, IV, IO or intranasal routes as approved by the local EMS medical director</i>   |
| d.                                  | Administration of SL nitroglycerine to a patient experiencing chest pain of suspected ischemic origin | AEMT   |
| e.                                  | Parenteral administration of epinephrine for anaphylaxis  | AEMT <i>AEMTs may prepare and administer epinephrine only via the IM and SC routes</i>   |
| f.                                  | Inhaled (nebulized) medications to patients with difficulty breathing and/or wheezing                 | AEMT <i>Inhaled (nebulized) means atomization of the medication through an oxygen/air delivery device with a medication chamber, or through use of a metered-dose inhaler.</i>   |
| g.                                  | Administration of a narcotic antagonist to a patient suspected of narcotic overdose                   | AEMT <i>Administration may be via IM, SC, IV, IO, or Intranasal routes as approved by the local EMS medical director.</i>  |

| Cardiac/Medical Skills |   | Interpretive Guidelines   |
|------------------------|---|---|
| 1.                     | Fundamental cardiac skills  |   |
| a.                     | Manual external CPR   | AEMT  |
| b.                     | Use of an automated external defibrillator                          | AEMT  |
| 2.                     | Advanced cardiac skills   |   |
| a.                     | Use of mechanical CPR assist devices                                | AEMT  |
| 3.                     | Emergency childbirth management                                     |   |
| a.                     | Assist in the normal delivery of a newborn                          | AEMT  |
| b.                     | Assist in the complicated delivery of a newborn                     | AEMT <i>This includes external fundal massage for post-partum bleeding, but does NOT include internal fundal massage.</i> |
| 4.                     | Behavioral emergency skills   |   |
| a.                     | Manual and mechanical patient restraints for behavioral emergencies | AEMT  |

| Trauma Care Skills |   | Interpretive Guidelines |   |
|--------------------|---|-------------------------|---|
| 1.                 | Managing injuries, including, but not limited to:                 |                         |   |
|                    | a. Manual cervical stabilization and cervical collar use          | AEMT                    |   |
|                    | b. Manual stabilization of orthopedic trauma                      | AEMT                    |   |
|                    | c. Spinal motion restriction                                      | AEMT                    | <i>Includes the use of commercial spinal motion restriction devices such as the KED®.</i> |
|                    | d. Splinting  | AEMT                    | <i>This includes the use of traction splints.</i>   |
| 2.                 | Managing other traumatic injuries, including, but not limited to: |                         |   |
|                    | a. Fundamental bleeding control                                   | AEMT                    |   |
|                    | b. Progressive bleeding control                                   | AEMT                    | <i>Includes the use of tourniquets</i>  |
|                    | c. Fundamental eye irrigation                                     | AEMT                    |   |
|                    | e. Fundamental management of soft-tissue injuries                 | AEMT                    |   |
|                    | f. Complex management of soft-tissue injuries                     | AEMT                    |   |
| 3.                 | Movement/extrication of patients, including, but not limited to:  |                         |   |
|                    | a. Emergency moves for endangered patients                        | AEMT                    |   |
|                    | b. Rapid extrication of patients                                  | AEMT                    |   |