OSDH – EMS
ADVANCED EMERGENCY MEDICAL TECHNICIAN

Recommended Training Hours for National Education Standard

OSDH
2011
INTRODUCTION:
Oklahoma is committed to the implementation of the EMS Education Agenda for the Future:

HISTORY:
The *EMS Education for the Future: A Systems Approach* establishes a system of EMS education that more closely parallels that of other health care professions. As part of this systems approach, the *National EMS Scope of Practice Model* calls for the reconfiguration of EMS provider levels in the United States. Oklahoma has opted to follow the *Scope of Practice Model*, as published by the National Highway Traffic Safety Administration’s (NHTSA) Office of Emergency Medical Services. Therefore we have adopted the *National EMS Education Standards* which have been published by NHTSA in conjunction with the above. You may download the *Standard* and accompanying *Instructor Guidelines* at <ems.gov>.

Name Change: [Oklahoma needs to add this level in our Statute and Rules]

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**CURRENT CHANGES TO National Registry TESTING**

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It will be a requirement that you have a copy of the “Instructor Guidelines” for this level of training! You as an Instructor will use this for entry level classes [AEMT] and the “Transition Courses” when they are available later.

If you have any questions, please feel free to contact us at (405)271-4027 or by email at <roberti@health.ok.gov>
ADVANCED EMERGENCY MEDICAL TECHNICIAN STANDARDS:

ADVANCED EMERGENCY MEDICAL TECHNICIAN (AEMT)
The primary focus of the Advanced Emergency Medical Technician is to provide basic and limited advanced emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. Advanced Emergency Medical Technicians function as part of a comprehensive EMS response, under medical oversight. Advanced Emergency Medical Technicians perform interventions with the basic and advanced equipment typically found on an ambulance. The Advanced Emergency Medical Technician is a link from the scene to the emergency health care system.

Preparatory
Applies fundamental knowledge of the EMS system, safety/well-being of the AEMT, medical/legal and ethical issues to the provision of emergency care.

EMS Systems:
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Quality improvement
- Patient Safety
- Education
- Authorization to Practice
- Integration with other Professionals and Continuity of Care
- Maintenance of Certification and Licensure

Research
The AEMT IG’s in this section include all the topics and material at the EMT level.

Workforce Safety and Wellness
The AEMT IG’s in this section include all the topics and material at the EMT level

Documentation
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Principles of Medical Documentation and Report Writing

EMS System Communication
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- EMS Communication System
- Communicating with other Health Care Professionals
- Team Communication and Dynamics

Therapeutic Communication
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Principles of Communicating with Patients in a Manner that Achieves a Positive Relationship

Medical/Legal and Ethics
The AEMT IG’s in this section include all the topics and material at the EMT level
Anatomy and Physiology
Integrates complex knowledge of the anatomy and physiology of the airway, respiratory and circulatory systems to the practice of EMS

Anatomy and Physiology
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Anatomy and Body Functions
- Life Support Chain
- Age-Related Variations for Pediatrics and Geriatrics

Medical Terminology
Uses foundational anatomical and medical terms and abbreviation in written and oral communications with colleagues and other health care professional.

Medical Terminology
The AEMT IG’s in this section include all the topics and material at the EMT level:

Pathophysiology
Applies comprehensive knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.

Pathophysiology
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Introduction
- Basic Cellular Review
- Alteration in Cells and Tissues
- Cellular Injury
- Hypoperfusion

Life Span Development
Applies fundamental knowledge of life span development to patient assessment and management.

The AEMT IG’s in this section include all the topics and material at the EMT level.

Public Health
Uses simple knowledge of the principles of the role of EMS during public health emergencies

The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Basic Principles of Public Health

Pharmacology
Applies (to patient assessment and management) fundamental knowledge of the medications carried by AMET’s that may be administered to a patient during an emergency.

The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:

Principles of Pharmacology
- Medication Safety
- Medication Legislation
- Naming
- Classifications
- Storage and Security
- Drug Terminology
- Pharmacological Concepts

Medication Administration
- Routes of Administration
- Administration of Medication to a Patient
Emergency Medications
  - Specific Medications
  - Special Considerations in Pediatrics and Geriatrics

Airway Management, Respiration and Artificial Ventilation
Applies knowledge (fundamental depth, foundational breadth) of upper airway anatomy and physiology to patient assessment and management in order to assure a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.
  The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:

Airway Management
  - Airway anatomy
  - Airway assessment
  - Techniques of assuring a patent airway
  - Consider Age-Related Variations in Pediatric and Geriatric Patients

Respiration
  - Anatomy of the respiratory system
  - Physiology of respiration
  - Pathophysiology of Respiration
  - Assessment of Adequate and Inadequate Respiration
  - Management of adequate and inadequate respiration
  - Supplemental oxygen therapy
  - Age-Related Variations in Pediatric and Geriatric Patients

Artificial Ventilation
  - Comprehensive Ventilation Assessment
  - The management of inadequate ventilation
  - The Differences Between Normal and Positive Pressure Ventilation
  - Consider Age-Related Variations in Pediatric and Geriatric Patients

Patient Assessment
Applies scene information and patient assessment findings (scene size-up, primary and secondary assessment patient history, and reassessment) to guide emergency management.
  Scene Size-UP
  - The AEMT IG’s in this section include all the topics and material at the EMT level.

Primary Assessment
  - The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
    - Primary Survey/Primary Assessment
    - Integration of Treatment/Procedures needed to Preserve Life
    - Evaluating Priority of Patient Care and Transport

History Taking
  - The AEMT IG’s in this section include all the topics and material at the EMT level.

Secondary Assessment
  - The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material.
    - Assessment of Lung Sounds
    - Special Considerations for Pediatric and Geriatric Patients

Monitoring Devices
  - The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material
    - Blood Glucose Determination
    - Other Monitoring Devices
Reassessment
The AEMT IG’s in this section include all the topics and material at the EMT level.

Medicine
Applies fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment finding for an acutely ill patient.

Medical Overview
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Assessment Factors
- Major Components of the Patient Assessment
- Continued Assessment

Neurology
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Stroke/TIA
- Headache
- Age-Related Variations for Pediatric and Geriatric Assessment and Management
- Communication and Documentation
- Transport Decisions – Rapid Transport to Appropriate Facility

Abdominal and Gastrointestinal Disorders
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Define Acute Abdomen
- Anatomy of the Organs of the Abdominopelvic Cavity
- Assessment and Symptoms
- General Management for Patients with an Acute Abdomen
- Specific Acute Abdominal Conditions – Definition, Causes, Assessment Finding s and Symptoms, Complications, and Specific Prehospital Management
- Consider Age-Related Variations for Pediatric and Geriatric Assessment and Management
- Pediatrics
- Communication and Documentation for Patient with an Abdominal or Gastrointestinal Condition or Emergency
- Transport Decisions

Immunology
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Introduction
- Basic Immune System’s Response to Allergens
- Pathophysiology
- Assessment
- Managing Anaphylaxis
- Age-Related Considerations

Infectious Diseases
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Causes of Infectious Disease
- Standard precautions, Personal Protective Equipment, and Cleaning and Disposing of Equipment and Supplies
- Specific Diseases and Conditions
- Consider Age-Related Variations in Pediatric and Geriatric patients as they relate to assessment and management of patients with a gastrointestinal condition or emergency
- Communication and Documentation for a Patient with a Communicable or Infectious Disease
- Transport Decisions Including Special Infection Control Procedures
- Legal Requirements regarding reporting communicable or infectious diseases/conditions
Endocrine Disorders
The AEMT IG’s in this section include all the topics and material at the EMT level PLUS the following material:
- Diabetic Emergencies
- Assessment
- Age-related Considerations
- Communication and Documentation

Psychiatric
- Define
- Epidemiology of Psychiatric Disorders
- Assessment
- Behavioral Change
- Psychiatric Emergencies
- Medical-Legal Considerations
- Consider Age-Related variations for Pediatric and Geriatric assessment and management

Cardiovascular
- Anatomy of the Cardiovascular System
- Physiology
- Angina Pectoris/Acute Coronary Syndrome
- Acute Myocardial Infarction
- Irregularity of Pulse

Toxicology
- Introduction
- Poisoning by Ingestion
- Poisoning by Inhalation
- Poisoning by Injection
- Poisoning by Absorption
- Drugs of Abuse
- Poisonings and Exposures
- Medication Overdose
- General Treatment Modalities for Poisonings
- Toxic Syndromes
- Consider Age-Related Variations for Pediatric and Geriatric Assessment and Management
- Documentation and Communication

Respiratory
- Anatomy and Physiology
- Pathophysiology
- Assessment
- Treatment
- Communication and Documentation

Hematology
- Introduction
- Sickle Cell Disease
- Assessment
- Management
- Age-Related Considerations
- Documentation and Communication

Genitourinary/Renal
- Anatomy and Physiology
- Assessment
- Management
- Documentation
Gynecology
The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level

Non-Traumatic Musculoskeletal Disorders
The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level

Diseases of the Eyes, Ears, Nose, and Throat
The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level

Shock and Resuscitation
Applies fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for a patient in shock, respiratory failure or arrest, cardiac failure or arrest and post resuscitation management.

Shock and Resuscitation
- Ethical Issues in Resuscitation
- Anatomy and Physiology Review
- Cardiac Arrest
- Resuscitation
- Automated External Defibrillation (AED)
- Advanced Life Support
- Post-Resuscitation Support
- Shock
- Tissue Hypoperfusion
- Physiologic Response to Shock
- Categories of Shock
- Specific Types of Shock
- Complications of Shock
- Patient Assessment
- Management
- Age-Related Variations

Trauma
Applies fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment finding for an acutely injured patient.

Trauma Overview
- Identification and Categorization of Trauma Patients

Bleeding
- Fluid Resuscitation in Bleeding and Shock
- Special Considerations in Fluid Resuscitation

Chest Trauma
- Traumatic Aortic Disruption
- Pulmonary Contusion
- Blunt Cardiac Injury
- Hemothorax
- Pneumothorax
- Cardiac Tamponade
- Rib Fractures
- Flail Chest
- Commotio Cordis
Abdominal and Genitourinary Trauma
- Incidence
- Anatomy
- Physiology
- Specific Injuries
- General Assessment
- General Management
- Age-Related Variations for Pediatric and Geriatric Assessment and Management
- Special Considerations of Abdominal Trauma

Orthopedic Trauma
- Amputations
- Pelvic Fractures
- Compartment Syndrome

Soft Tissue Trauma
- Incidence of Soft Tissue Injury
- Anatomy and Physiology of Soft Tissue Injury
- Closed Soft Tissue Injury
- Open Soft Tissue Injury
- General Assessment
- Management
- Incidence of Burn Injury
- Anatomy and Physiology of Burns
- Complications of Burn Injuries
- General Assessment of Burn Injuries
- General Management
- Specific Burn Injury Management Considerations
- Age-Related Variations

Head, Facial, Neck, and Spine trauma
- Facial Fractures
- Laryngotracheal Injuries

Nervous System
- Incidence of Traumatic Brain Injury
- Traumatic Brain Injury

Special Considerations in Trauma
- Trauma in Pregnancy
- Pediatric Trauma
- Geriatric Trauma
- Cognitively Impaired Patient Trauma

Environmental Emergencies
The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level

Multi-System Trauma
- Kinematics of Trauma
- Multi-System Trauma
- Specific Injuries elated to Multi System Trauma
Special Patient Populations
Applies a fundamental knowledge of growth, development, aging, and assessment finding s to provide basic and selected advanced emergency care and transportation for a patient with special needs

Obstetrics
The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level

Neonatal care
The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level

Pediatrics
The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level

Geriatrics
The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level PLUS the following material:
- Fluid Resuscitation in the Elderly

Patients with Special Challenges
- The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level PLUS the following material:
  - Abuse and Neglect
  - Homelessness/Poverty
  - Bariatric Patients
  - Technology Assisted/Dependent
  - Hospice Care and Terminally Ill
  - Tracheostomy Care
  - Sensory Deficits
  - Homecare
  - Patient with Developmental Disability

EMS Operations
Knowledge of operational roles and responsibilities to ensure safe patient, public, and personnel safety.

Principles of Safely Operating a Ground Ambulance
The intent of this section is to give an overview of emergency response to ensure EMS personnel, patient, and other’s safety during EMS operations. This does not prepare the entry-level student to be an experience and competent driver

Information related to the clinical management of the patient during emergency response is found in the clinical sections fo the National EMS Education Standards and Instructional Guidelines for each personnel level.

The AEMT Instructional Guidelines in this section include all the topics and material at the EMT level

Incident Management
Information related to the clinical management of the patient during emergency response is found in the clinical sections fo the National EMS Education Standards and Instructional Guidelines for each personnel level.
- Establish and Work within the Incident Management System
- Entry-Level Students Need to be Certified in
  - 1. ICS-100: Introduction to ICS, or equivalent
  - 2. FEMA IS-700: NIMS, An Introduction
- This can be done as a Co requisite or Pre requisite or as part of the Entry-Level Course

Multiple Casualty Incidents
The EMT Instructional Guidelines in this section include all the topics and material at the EMR and EMT levels
Air Medical
- Safe Air Medical Operations
- Criteria for Utilizing Air Medical Response

Vehicle Extrication
- Safe vehicle extrication
- Use of simple hand tools
- Special Considerations for Patient Care

Hazardous Materials Awareness
- Risks and responsibilities of operating in a cold zone at a hazardous material or other special incident

Special Incident
Entry-Level Students need to be Certified in
  First Responder Awareness Level
- This can be done as a Co requisite or Pre requisite or as part of the Entry-Level Course

Mass Casualty Incidents due to Terrorism and Disaster
- Risks and responsibilities of operating on the scene of a natural or man made disaster
**NATIONAL EDUCATIONAL STANDARD**

*These hours are recommended hours only. The program and training should be based on successful completion of all AEMT competencies (didactic, psychomotor and affective domains)*

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**Special Patient Populations**

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<th>3</th>
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<tr>
<td>Obstetrics</td>
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<tr>
<td>Neonatal Care</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Pediatrics</td>
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<tr>
<td>...Geriatrics</td>
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<tr>
<td>Patients with Special Challenges</td>
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</table>

**EMS Operations**

<table>
<thead>
<tr>
<th>4</th>
<th>2</th>
<th>6</th>
<th>See EMT level information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Safely Operating a Ground Ambulance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Incident management</td>
<td></td>
<td></td>
<td>NIMS Co or Pre requisite</td>
</tr>
<tr>
<td>---------------------</td>
<td>---</td>
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<td>-------------------------</td>
</tr>
<tr>
<td>Multiple Casualty Incidents</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Medical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vehicle Extrication</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazardous Materials Awareness</td>
<td></td>
<td></td>
<td>HAZWOPER Co or Pre requisite</td>
</tr>
<tr>
<td>Mass Casualty Incidents due to Terrorism and Disaster</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>AEMT TOTALS</strong></th>
<th>97</th>
<th>83</th>
<th>180</th>
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</thead>
<tbody>
<tr>
<td><strong>AEMT Clinical Hours</strong></td>
<td></td>
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<td>140</td>
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<tr>
<td><strong>AEMT TOTAL HOURS</strong></td>
<td></td>
<td></td>
<td>320</td>
</tr>
<tr>
<td><strong>AEMT Clinical Competencies</strong></td>
<td>#s</td>
<td><strong>Hospital or field clinical application on patients</strong></td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----</td>
<td>-----------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Patient assessment (advanced)</td>
<td>10</td>
<td>5 trauma/5 medical ALS</td>
<td></td>
</tr>
<tr>
<td>Patient history</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intravenous therapy (successful)</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blood sampling</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intraosseous</td>
<td>1</td>
<td>May be done in classroom if unable in clinical</td>
<td></td>
</tr>
<tr>
<td>Advanced airway procedures</td>
<td>10</td>
<td>ETT or BIAD</td>
<td></td>
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<tr>
<td>Endotracheal Intubations</td>
<td>5</td>
<td>See OSDH Intubation policy on other options</td>
<td></td>
</tr>
<tr>
<td>Waveform Capnography application</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPAP or BiPAP application/use</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drug administration</td>
<td>10</td>
<td></td>
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</tr>
<tr>
<td>Emergency ALS Run Patient Care Report</td>
<td>5</td>
<td></td>
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</tr>
<tr>
<td>Radio Report on Emergency ALS patient</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AEMT Clinical Rotations**

- Operating Room 32
- IV Lab 12
- E.D. 36
- Field ALS 60

**Note:** These hours are minimums and successful course completion should be based on minimum clinical competencies
## OKLAHOMA AEMT COMPETENCIES

**Skill - Airway/Ventilation/Oxygenation**

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Date</th>
<th>Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airway - Blind Insertion Airway Device (BIAD)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Airway – oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Airway-nasal</td>
<td></td>
<td></td>
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<tr>
<td>Bag-valve-mask (BVM)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cricoid pressure (Sellick’s Maneuver)</td>
<td></td>
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<tr>
<td>Head tilt - chin lift</td>
<td></td>
<td></td>
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<tr>
<td>Jaw-thrust</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jaw-thrust - Modified (trauma)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouth-to-Barrier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouth-to-Mask (with one-way valve)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Obstruction/FBAO – Manual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxygen tank use/safety/administration</td>
<td></td>
<td></td>
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<tr>
<td>Oxygen therapy –</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nasal Cannula</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-rebreather Mask</td>
<td></td>
<td></td>
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<tr>
<td>Partial rebreather mask</td>
<td></td>
<td></td>
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<tr>
<td>Simple face mask</td>
<td></td>
<td></td>
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<tr>
<td>Venturi mask</td>
<td></td>
<td></td>
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<tr>
<td>Automated transport ventilators (ATV)</td>
<td></td>
<td></td>
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<tr>
<td>Suctioning – Upper Airway</td>
<td></td>
<td></td>
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<tr>
<td>Rigid tip</td>
<td></td>
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<tr>
<td>Flexible tip</td>
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<tr>
<td>Pulse oximetry</td>
<td></td>
<td></td>
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<tr>
<td>*BiPAP/CPAP</td>
<td></td>
<td></td>
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<tr>
<td>Demand valve (manual &amp; triggered)</td>
<td></td>
<td></td>
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<tr>
<td>*PEEP – therapeutic</td>
<td></td>
<td></td>
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<tr>
<td>*End tidal CO2 monitoring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Capnography – Wave form (recording)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Intubation- nasotracheal (with capnography)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Intubation – orotracheal (with capnography)</td>
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</tbody>
</table>

**Skill - Cardiovascular/Circulation/Trauma**

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Date</th>
<th>Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardiopulmonary resuscitation (CPR)</td>
<td></td>
<td></td>
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<tr>
<td>Defibrillation – automated / semi-automated</td>
<td></td>
<td></td>
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<tr>
<td>Hemorrhage control – direct pressure</td>
<td></td>
<td></td>
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<tr>
<td>Hemorrhage control – tourniquet</td>
<td></td>
<td></td>
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<tr>
<td>Bandaging</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shock Treatment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trauma Patient Assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Cardiac Monitoring (3 and 12 lead ECG application only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Mechanical CPR device</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Skill Immobilization**

- Spinal immobilization – cervical collar
- Spinal immobilization – long board
- Spinal immobilization – manual
- Spinal immobilization – seated patient (KED, etc.)
- Spinal immobilization – rapid manual extrication
- Extremity stabilization - manual
- Extremity splinting
- Splinting -traction
- Mechanical patient restraints
- *Pelvic splint
- Emergency moves for endangered patients
- Cervical Immobilization Device (CID)

**Skill-Medication Administration - Routes**

- Assisting a Patient with His/Her Own Prescribed Medications (Aerosolized/Nebulized)
- Aerosolized/nebulized (beta agent) (per protocols)
- *Buccal
- Endotracheal tube
- Inhaled – self-administered (nitrous oxide)
- Intramuscular (epinephrine or glucagon)
- Intranasal (naloxone)
- Intravenous push (dextrose 50%)
- Auto-Injector (self or peer care)
- Oral -glucose
- Oral - Aspirin
- Auto-injector (patient’s own prescribed meds)
- Subcutaneous epinephrine
- *Nitro assist (patient’s own prescribed medication) (per protocol)
**Skill – IV Initiation/Maintenance of Fluids**

- Intravenous – maintenance of non-medicated IV fluids
- Intravenous access (venous blood draw)
- Intravenous access (peripheral)

**Skill - Miscellaneous**

- Assisted delivery (normal childbirth)
- Assisted delivery (abnormal childbirth) (breech, limb, etc.)
- Blood glucose monitoring
- Blood pressure automated
- Blood pressure – manual
- Eye irrigation
- Eye irrigation-Morgan lens
- *Hand washing

Patient Assessment
  - Primary assessment
  - Secondary assessment

History taking skills (SAMPLE/OPQRST)

Vital Signs

*Landing Zone (Live helicopter lab recommended, classroom session required)

Medical Assessment

Lifting and Moving
  - Urgent
  - Nonurgent

Personal protective equipment/body substance isolation use

Pre-hospital Stroke assessment (Cincinnati, LA, etc.)

E.V.O.C. (optional)

**These should include adult, child and pediatrics skills.
*These are items added to the National Standard Guidelines.

Note: These competencies are very broad and should be broken down into more specific or individual competencies for initial training purposes.