

## ***National Registry & SD EMT Recertification***

*40 Hours of Mandatory Training + CPR Healthcare Provider/AED for SD*

### **\* National Component (20 Hours Total)**

Up to 7 hours may be obtained via Distributive Education (DE)

**Beginning  
April 1<sup>st</sup>  
2017**

### **\* Airway, Respiration & Ventilation (4 Hours Total)**

#### **Ventilation [3 Hours]**

- Minute Ventilation
- Effects on cardiac output
- Assisted Ventilation
  - Respiratory failure vs. distress
  - Adjuncts
  - Positioning

#### **Oxygenation [1 Hour]**

### **\* Medical (6 Hours Total)**

#### **Special Healthcare Needs [1 Hour]**

- Tracheostomy care
- Dialysis shunts
- How to deal with patient & equipment
  - Feeding tubes, VP shunts, etc.
- Cognitive issues

#### **OB Emergency [1 Hour]**

- Abnormal presentations
  - Nuchal cord
- Neonatal resuscitation
  - Routine suctioning of the neonate

#### **Psychiatric Emergencies [1.5 hours]**

- Mental health
- Patient restraint
  - Agitated delirium
- Suicide / Depression

#### **Endocrine [1 Hour]**

- Diabetes
- Metabolic Syndrome
  - Insulin resistance, DKA/HHNS
- Medication pumps
  - Insulin
- Glucometer

#### **Immunological Diseases [1 Hour]**

- Allergic reaction
- Anaphylaxis

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**\* National Component - Continued**

**Beginning  
April 1<sup>st</sup>  
2017**

**Medical - Continued**

**Communicable Diseases [0.5 Hours]**

- Hygiene (hand washing, etc.)
- Vaccines
- Antibiotic resistant infections
- Influenza
- Public Health – epidemics, pandemics, reporting, etc.
- Systematic Inflammatory Response Syndrome (SIRS) vs. Sepsis vs. Septic Shock
  - Fluid resuscitation

**\* Cardiovascular (6 Hours Total)**

**Post-Resuscitation Care [0.5 Hours]**

- Recognition of Return of Spontaneous Circulation (ROSC)
- Oxygenation
- Induced hypothermia

**Stroke [1 Hour]**

- Assessment (stroke scale)
- Oxygen administration
- Time of onset (duration)
- Transport destination

**Cardiac Arrest & Ventricular Assist Devices [0.5 Hours]**

**Cardiac Rate Disturbance (Pediatric) [1 Hour]**

- Tachycardia
- Bradycardia
- Irregular pulse

**Pediatric Cardiac Arrest [2 Hours]**

- Optimal chest compressions
  - Techniques
- Ventilation/Compression Ratio
  - Single & 2 Rescuer CPR
  - AED use

**Chest Pain from Cardiovascular Cause (Adult) [1 Hour]**

- Medication Administration
  - Nitroglycerin
  - Aspirin (ASA)
  - Oxygen
- Transport destination

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**Beginning  
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2017**

**\* National Component - Continued**

**\* Trauma (2 Hours Total)**

**CNS Injury [0.5 Hours]**

- Concussion

**Tourniquets [0.5 Hours]**

**Field Triage [1 Hour]**

- Model Uniform Core Criteria (MUCC)
- CDC Trauma Triage Decision Scheme
- Sort, Assess, Lifesaving Interventions, Treatment/Transport (SALT)

**\* Operations (2 Hours Total)**

**At-Risk Populations [0.5 Hours]**

- Pediatric
- Geriatric
- Economically disadvantaged
- Domestic violence
- Human trafficking

**Pediatric Transport [0.5 Hours]**

**Affective Characteristics [0.5 Hours]**

- Professionalism
- Cultural competency
  - Changing demographics

**Role of Research [0.5 Hours]**

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**\*\* State Component (10 Hours Total)**

Up to 7 hours may be obtained via Distributive Education (DE)

**Beginning  
April 1<sup>st</sup>  
2017**

**ePCR / Documentation [0.5 Hour]**

**Medical / Legal & Ethical Issues [0.5 Hour]**

**HIPAA [0.5 hour]**

**Quality Assurance / Quality Improvement [0.5 Hour]**

**Medical Director / Medical Direction [0.5 Hour]**

- Roles & Responsibilities

**Systems of Care [3 Hours]**

- STEMI
- Stroke (CVA)
- Trauma

**Patient Assessment / Movement [3.5 Hours]**

- Scene Size-Up
- Primary Survey
  - Trauma Patient
  - Medical Patient
- History Taking
- Secondary Assessment
- Lifting and Moving Patient

**Comfort One / DNR [0.5 Hour]**

**Auto Injector Medications [0.5 Hour]**

- Narcan/Naloxone
- Epi

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**\*\*\* Individual Component (10 Hours Total)**

Up to 10 hours may be obtained via Distributive Education (DE)

**You may choose any topic(s) / Classes which relate to your level of certification for a total of 10 hours of continuing education in this component.**

**CPR – Health Care Provider/AED (Required for SD Recertification)**

- Adult 1 & 2 Rescuer CPR
- Adult Obstructed Airway
- Child 1 & 2 Rescuer CPR
- Child Obstructed Airway
- Infant CPR
- Infant Obstructed Airway

**Beginning  
April 1<sup>st</sup>  
2017**

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