****NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DATE \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**SKILL PERFORMANCE EVALUATION**

CARDIAC EMERGENCY:

**AUTOMATED EXTERNAL DEFIBRILLATION (AED)**

**PERFORMANCE OBJECTIVE**

Demonstrate competency in assessing signs of cardiopulmonary arrest, managing a full arrest, and performing defibrillation using a semi-automated external defibrillator. Ventilations and compressions must be performed at the minimum rate required.

**EQUIPMENT**

Adult and pediatric CPR manikin, AED trainer, adult and pediatric defibrillator pads and attenuator (if available), cables, towel, safety razor, bag-mask-ventilation device, O2 connecting tubing, oxygen source with flow regulator, oropharyngeal and nasopharyngeal airways (various sizes), silicone spray (for manikin use), pediatric resuscitation tape, 1-2 assistants (optional), eye protection, various masks, gown, gloves, suction, timing device.

**SCENARIO:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FAIL

PASS

**EXAMINER(S):**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Attempt: 1st 2nd 3rd (final)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PREPARATION** | | | | |
| **Performance Criteria** | | **YES** | **NO** | **Comments** |
| Establishes appropriate BSI precautions | |  |  |  |
| Assess the scene safety/scene size-up | |  |  |  |
| **PROCEDURE** | | | | |
| **Performance Criteria** | | **YES** | **NO** | **Comments** |
| Assesses the patient and initiates appropriate BLS Procedures | Checks responsiveness while assessing for breathing for 5-10 seconds |  |  |  |
| Palpates for pulse for up to 10 seconds |  |  |
| Starts CPR beginning with compressions at a rate of 100-120/min. |  |  |
| Attaches AED as soon as available |  |  |
| |  | | --- | | **IF CONTINUING FROM ONE (1) & TWO (2) PERSON ADULT/CHILD/INFANT CPR, MAY BEGIN HERE** | | | | | |
| **Performance Criteria** | | **YES** | **NO** | **Comments** |
| Positions the AED near the patient and the operator | |  |  |  |
| Turns on the AED | |  |  |  |
| Exposes the chest – *if not already done* | |  |  | Scenario dependent |
| Prepares the pad sites for secure pad contact | |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Performance Criteria** | | | **YES** | **NO** | **Comments** |
| Applies the AED pads in the appropriate locations | **Adult:**  **Upper** - right sternal border directly below the  clavicle | |  |  | Scenario dependent |
| **Lower** - left mid-axillary line, 5th 6th intercostal space with  top margin below the axilla | |  |  |
| **Children/Infants: < eight 8 years of age**  **Anterior Posterior**  1st pad anterior over sternum between nipples | |  |  |
| 2nd pad posterior between shoulder blades | |  |  |
| **Children/Infants: < eight 8 years old**  **Anterior-Anterior**  Right pad – wrap over a small child’s shoulder | |  |  |
| Left pad – left anterior to cover mid-clavicular and mid-axillary lines | |  |  |
| Stops CPR while analyzing the rhythm and follows the voice prompts | Ensures no one is touching the patient | |  |  |  |
| **If shock advised**  Resumes chest compressions while charging the AED | |  |  |  |
| Ensures no one is touching the patient | |  |  |
| Administers the shock | |  |  |
| **If no shock advised**  Resumes chest compressions immediately without a pulse check | |  |  |
| Continues chest compressions until ALS arrives, OR return of spontaneous circulation (ROSC) OR meets Los Angeles County Reference No. 814 criteria | | |  |  |  |
| **IF RETURN OF SPONTANEOUS CIRCULATION** | | | | | |
| Re-assess patient every five (5) minutes after ROSC: | | |  |  | Scenario dependent |
| Perform rescue breathing with a BMV - if indicated | | **Adult:**  10-12 breaths /minute (one (1) breath every 5-6 seconds) |  |  | Scenario dependent |
| **Child/infant:**  12-20 breaths/minute (one (1) breath every 3-5 seconds) |
| **Advanced airway:**  10 breaths/minute (one (1) breath every 6 seconds) |

Developed 10/07: Revised 9/2018