

### Automated External Defibrillation

Student's Name: \_\_\_\_\_

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

√	Performance Step(s)	Comment(s)
	1. Upon arrival, briefly question those on the scene about arrest events. If someone is performing CPR, direct them to stop.	
	2. Take BSI precautions.	
	3. Place patient in a supine position on a dry, non-metallic surface.	<i>Transfer of energy from the defibrillator through the metallic surface could cause injury to the EMT.</i>
	4. Determine whether the patient is a candidate for the AED.	
	5. Perform or resume CPR.	<i>One EMT-B provides CPR while the other sets up the AED.</i>
	6. Turn on the defibrillator power.	<i>If you turn on the AED, and nothing happens, consider a problem with the batteries. Immediately switch to new batteries if available and continue.</i>
	7. Place pads on chest. Sternum paddle or pad is placed anterior right side of the chest, just inferior to the clavicle at the mid-clavicular line. Place the apex paddle or pad, anterior left side of the chest, 4 <sup>th</sup> to 5 <sup>th</sup> intercostal space, at the anterior-axillary line.	<i>Pad placement is essential for proper energy to convert rhythm.</i>
	8. Stop CPR and call out "clear".	
	9. Initiate analysis of rhythm.	<i>This is done automatically with the AED, it will usually have a voice prompt that will alert you of the situation.</i>

	10. Deliver shock if advised by defibrillator.	<i>This is done automatically with the AED, it will usually have a voice prompt that will alert you of the situation.</i>
	10a. If the AED gives an alert to shock again, proceed to step #11.	
	10b. If at any time you receive a no shock indicated from the AED, check for pulse, if no pulse do 1 minute of CPR. After 1 minute of CPR, clear the patient and press the analyze button again. If no shock is indicated repeat steps of #10b. After repeating, if no shock is still indicated, check the pulse. If none, start CPR and transport.	
	11. Repeat steps # 8 –10 until 3 shocks are delivered.	
	12. Check for pulse.	
	13. If no pulse do 1 minute of CPR.	
	14. Insert an airway adjunct.	
	15. Ventilate patient.	
	16. After 1 minute of CPR, repeat steps #8-10.	
	17. Check for pulse.	
	17a. If patient has a pulse, check breathing. If breathing is adequate, provide oxygen via a non-rebreather mask. If breathing is inadequate or absent, ventilate the patient using a bag-valve-mask.	
	17b. If patient is pulseless, resume CPR and transport.	

