

AUTOMATIC EXTERNAL DEFIBRILLATOR (AED)

Student Name _____ Date _____

	Points Possible	Points Earned
EXAMINATION STEPS AND PROCEDURES		
Takes or verbalizes body substance isolation precautions	1	
Assessment:		
Determine that the patient is unconscious, apneic and pulseless	1	
<i>Skills station examiner: States no breathing and no pulse</i>		
Instructs assistant(s) to insert a simple airway adjunct (nasopharyngeal / oropharyngeal) prior to ventilation's and to begin 2 minutes of CPR	1	
Verbalizes CPR is to be performed for 2 minutes before the AED is initiated	1	
Briefly questions rescuer or witness(s) about cardiac arrest events: <ul style="list-style-type: none"> • Witnessed arrest? • Estimated down time? • Bystander CPR initiated? • Does this patient have a DNR? 	1 1 1 1	
Positions AED next to the patient	1	
Turns on the Automatic External Defibrillator power	1	
Correctly applies the defibrillator pads to the proper location on the patient: <ul style="list-style-type: none"> • Pediatric pads: 1 to 8 years old, < 55 pounds, anterior / posterior • Adult pads: 9 years old and greater, > 55 pounds, front of chest 	1 1	
<i>Prior to applying the defibrillator pads to the patient's chest the rescuer MUST verbalize the following:</i> <ul style="list-style-type: none"> • Medication patches are removed from chest or abdomen • Pads are applied at least 2" away from a pacemaker • Patient is removed from water source and dried off • Patient's chest is shaven as needed 	1 1 1 1	
Follows prompts given by the AED. Stop CPR and make sure the patient is not being touched. Activate the analyze mode.	1	
Wait for the AED to analyze	1	
If shock is indicated, state " <i>stand clear</i> " and ensure that area around the patient is clear. Deliver shock. Continue to follow prompt(s): <ul style="list-style-type: none"> - Immediately resume CPR for 2 minutes post defibrillation - Verbalizes the consideration to change person doing compressions every 2 minutes 	1 1 1	
During 2 minutes of CPR:		
Checks for a central pulse (carotid or femoral) during compressions: <ul style="list-style-type: none"> • If a pulse is palpated, effective CPR is being performed • If no pulse is palpated, direct person doing compression to push deeper on the chest until a pulse is felt 	1 1	
Obtains a SAMPLE history on the patient	1	
States AED will re-analyze the patient in 2 minutes	1	

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EXAMINATION STEPS AND PROCEDURES		
<i>Skills station examiner: Directs the student to either one of the following scenarios</i>		
1) Shock Indicated: Deliver defibrillation and resume CPR for 2 minutes or 5 cycles and repeat sequence	1	
2) No Shock Indicated: If no shock indicated, follow machine prompts: - Check carotid pulse	1	
If NO pulse present: - Continue CPR for 2 minutes or 5 cycles, then repeat sequence	1	
- Confirms effectiveness of CPR (ventilation's and compressions)	1	
If a pulse is present: - Reassess airway and breathing (adequate or inadequate)	1	
- Provide assisted ventilations (rescue breathing) if needed	1	
- Obtain vital signs (pulse, respirations, blood pressure) and monitor patient	1	
- Reassess pulse every minute	1	
Re-evaluates patient / CPR in approximately two minutes or 5 cycles	1	
Repeats defibrillator sequence (if indicated) for a maximum of nine shocks	1	
Verbalizes defibrillation sequence: CPR (2 min.) > Shock > CPR > Shock, repeats	1	
States shockable rhythms: 1) Ventricular Fibrillation (V-Fib)	1	
2) Pulseless Ventricular Tachycardia (Pulseless V-Tach)	1	
Verbalizes transportation of patient	1	
Leaves defibrillator pads attached to patient for transport	1	
TOTAL	40	

Minimum Points: 32

CRITICAL CRITERIA

- _____ Did not take or verbalize body substance isolation precautions
- _____ Did not evaluate the need for immediate use of the AED
- _____ Did not state indications/contra-indications for placement of the AED
- _____ Did not place the defibrillator pads in the correct location
- _____ Did not direct initiation/resumption of ventilation's/compressions at appropriate times
- _____ Did not assure all individuals were clear of patient before delivering each shock
- _____ Did not operate the AED properly (inability to deliver shock)
- _____ Did not state the shockable rhythms
- _____ Did not verbalize the consideration of changing the person doing compressions every 2 minutes

_____ PASS _____ FAIL Instructor _____