



AUTOMATED EXTERNAL DEFIBRILLATOR

POLICY.

It is the policy of the Deschutes County Sheriff's Office – Adult Jail (AJ) to ensure the protection and safety of the public and those incarcerated in the AJ. These are fundamental responsibilities of Corrections Division members. The emergence of automated external defibrillators (AEDs) allow members additional options to provide life-saving care. The use of an AED may be the difference between life and death in cases of cardiac arrest. The Sheriff's Office supports the proper use of AEDs.

PURPOSE.

The purpose of this policy is to establish training requirements and procedures for the use of AEDs by Corrections Division members.

OREGON JAIL STANDARDS:

- G-204 First Aid Kits

REFERENCES:

- DCSO [Policy 4.10 Evidence Control](#).
- DCSO Policy 8.15 Automated External Defibrillators/NARCAN Procedures

DEFINITIONS.

Automated External Defibrillator (AED): A portable, electronic device that utilizes an electrical shock to stimulate an individual's heart to restore a normal rhythm that allows blood to pump through the cardiovascular system.

Cardio Pulmonary Resuscitation (CPR): A procedure to assist in maintaining life support for a victim whose heart is no longer beating on its own.

Emergency Medical Services (EMS): The Bend Fire Department responds to Emergency Medical Service (EMS) calls for service.

Personal Protective Equipment (PPE): Gloves, mask and/or Tyvek suit used to prevent contamination from blood or other body fluids.

Ventricular Fibrillation: A condition where the heart quivers erratically, preventing the pumping of blood throughout the body and brain.

PROCEDURES.

SECTION A: GENERAL GUIDELINES

- A-1.** Cardiac arrest occurs when the heart's electrical system causes the ventricles of the heart to exhibit ventricular problems such as ventricular fibrillation or ventricular tachycardia. These rhythms prevent adequate pumping of blood throughout the body and brain. Biological death occurs within minutes unless normal rhythm of the heart is restored. For each minute the heart is in fibrillation, about ten percent of the ability to restart the heart is lost.
- A-2.** While EMS will be dispatched (9-1-1 Dispatch) to known and suspected cardiac arrests, it may be imperative to use an AED in cases of cardiac arrests when time is of the essence. Trained members will use an AED in such cases and continue care with the cardiac patient until relieved by EMS personnel.
- A-3.** A deputy's primary concern must always be personal safety. Responding members must make certain they can safely reach the patient and remain safe while providing care.
- A-4.** Deputies and nurses are to avoid direct contact with the patient's body fluids. They are also to employ proper personal protective equipment (PPE) as outlined in blood borne pathogens training which may include:
- a. Nitrile gloves.
 - b. Pocket face mask with one way valve for rescue breathing.
 - c. Protective eyewear such as goggles or face shields to avoid contact with airborne droplets or microorganisms.
 - d. Protective disposable gowns or coveralls (Tyvek suit) to avoid being splashed by blood or body fluids or having direct contact with contaminated items.
- A-5.** AEDs will be used in strict compliance with criteria established by the manufacturer.

SECTION B: LOCATION AND CARE OF EQUIPMENT

- B-1.** AEDs will be clearly marked and stored in several locations within the AJ, Deschutes Circuit Court and Work Center including:
- a. AJ Medical Unit
 - b. Work Center Control (subject to check out)
 - c. Booking Property Room (subject to check out)
 - d. AJ Administration
 - e. South Control
 - f. Court Security/Transports office (subject to check out)

g. Deschutes County Circuit Court (at the Court Security check point)

B-2. AEDs will be periodically checked for deficiencies.

SECTION C: DEPLOYMENT

C-1. An AED will be checked out from an on-duty supervisor and accompany deputies during shuttle transports and work crew assignments out in the community. At the completion of the transport, the AED will be returned to the stored location in the Court Security/Transports office or the Work Center office area.

If the AED is deployed, the member will deliver the AED to the Training Unit, which will follow procedures outlined in *DCSO Policy 8.15 Automated External Defibrillators/NARCAN Procedures*.

- a. All facility AED equipment will be returned to point of origin and inspected quarterly to ensure AEDs are functioning properly.
- b. A copy of the completed *AED inspection Form No. 920* will be delivered to the Administrative Lieutenant.

SECTION D: CERTIFICATION AND TRAINING

D-1. Deputies and nurses will meet certification and training standards described in *DCSO Policy No. 8.15, Automated External Defibrillators/Narcan Procedures*.

Forms Used:

- AED Inspection Form No. 920