	DEPARTMENT OF PUBLIC SAFETY CORRECTIONS ADMINISTRATION POLICY AND PROCEDURES	EFFECTIVE DATE: SEP 18 2009	POLICY NO.: COR.10.1F.07
		SUPERSEDES (Policy No. & Date): COR.10C.03 (07/25/2000)	
	SUBJECT: AUTOMATIC EXTERNAL DEFIBRILLATORS		Page 1 of 5

1.0 PURPOSE

To establish guidelines for the use of Automatic External Defibrillators (AEDs) in the correctional facilities.

2.0 REFERENCES AND DEFINITIONS

.1 References

- a. Hawaii Revised Statutes, Section 26-14.6, Department of Public Safety; and Section 353C-2, Director of Public Safety, Powers and Duties.
- b. American Heart Association (5/29/2008) AED Program
www.americanheart.org

.2 Definitions

- a. Automatic External Defibrillator (AED): A portable computerized automatic device that analyzes heart rhythms, recognizes a rhythm requiring a shock, advises the rescuer when a shock is needed. The AED uses voice prompts, lights and text messages to tell the rescuer the steps to take.
- b. Cardiopulmonary Resuscitation (CPR): The process of ventilating and circulating blood for a patient in cardiopulmonary arrest, usually by combining mouth to mouth ventilation with external chest compressions, with the goal of providing oxygen to vital organs until appropriate medical care can be obtained.
- c. Standard Precautions: Guidelines recommended by the Centers for Disease Control and Prevention to reduce the risk of the spread of infection. The guidelines include hand washing, the use of personal protective devices such as gloves, masks, gowns, and eyewear when contact with body fluids.
- d. Emergency Medical Service System (EMS): A system of emergency services including a centralized emergency number (911) for public access, rescue operations, ambulance transportation, emergency department services and public education that may be required as a result of an acute injury or illness.

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3.0 POLICY

- .1 All correctional facilities shall have an AED available on the premises and its location shall known to all health care and security staff.
- .2 The Health Care Medical Director shall provide medical oversight to assure quality control.
- .3 The Health Care Division Administrator shall approve and oversee authorized training staff and shall ensure that the training program is medically sound and educationally effective
- .4 All Hawaii state correctional facilities shall provide initial and periodic training in the use of AEDs to all health care staff and Adult Correctional Officers (ACOs) in conjunction with CPR training.

4.0 PROCEDURE

- .1 Assessment/Treatment.
 - a. Standard precautions shall be followed including the use of personal protective devices such as gloves and one-way valve facemasks during the performance of CPR. These devises are available in all first aide kits.
 - b. First responders shall:
 1. Secure the area
 2. Check for unresponsiveness, the absence of breathing and no pulse to determine actual cardiopulmonary arrest. [ABCs (A) airway, (B) breathing and (C) circulation]
 3. Call 911 and on-duty health staff
 4. In the presence cardiopulmonary arrest initiate CPR until the AED can be attached. Use of the AED takes precedence over the performance of CPR. Compressions may be stopped to apply the AED patches while continuing rescue breathing when possible.
 5. Turn on the AED and press the analyze button.

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6. The AED will direct the responders as to whether a shockable heart rhythm exists.
 7. In the event of a shockable rhythm the AED will automatically determine the charge level and charge the machine. Verbal instructions will be given by the AED indicating the presence of a shockable rhythm, that the machine is charging, and direction to all clear. Indicating that a shock situation is imminent. Instructions will be given by the AED to press the shock button.
 8. The responder only presses the shock button after he or she determines that everyone is cleared away from the patient and it is safe to proceed. After the shock is administered the AED will analyze the any subsequent heart rhythm and give instructions.
 9. In the event of the AED determining no shockable rhythm exists responders are instructed verbally by the AED to continue CPR. The analyze button on the AED shall be pressed at intervals of approximately every two minutes by a responder to allow the AED to determine if cardiac rhythm as been restored or a shockable rhythm exists.
- c. AED shall only be used on an unresponsive person with no spontaneous breathing and no pulse.
 - d. Use of the AED is contraindicated under the following circumstances:
 1. Conscience person
 2. Person has a pulse but is not spontaneously breathing
 3. Person is under 65 lbs or less than 8 years of age
 - e. Upon arrival, EMS shall have control over the scene
 1. AED responders shall a give a quick report to the EMS team of what is known about the situation
 2. AED responders shall assist the EMS team with additional shocks and rhythm monitoring, if needed.

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.2 Locations of AEDs

- a. The location of the AED in facilities with 24-hour medical coverage shall be in the Health Care Section.
- b. The location of the AED in facilities without 24-hour medical coverage shall be approved by facility administrators and known to all Adult Correctional Officers.

.3 AED Maintenance

- a. Health Care staff shall conduct daily battery status checks and document these checks on an emergency equipment log for current model AEDs issued through the Health Care Division. Problems and corrective measures shall also be logged.
- b. Whenever a status check identifies a problem, the person conducting the daily check shall be responsible for correcting the problem, if possible, or seeing that the problem is corrected as soon as possible. Anytime an AED device is found to be non-functioning, it is to be pulled from the work area, serviced and/or repaired.
 1. In the event an AED is not available due to servicing concerns staff shall activate the EMS system by calling 911 and performing CPR until relieved by health care staff and/or EMS.
- c. Older model AED machines retained by the facility shall be checked daily and maintained by non-healthcare facility personnel.

.4 AED Training



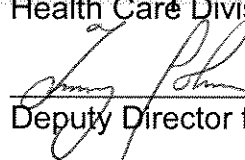
- a. All security staff shall receive initial training on the use of the AED in conjunction with CPR training during Basic Corrections Training. Refresher training shall occur with CPR re-certification courses.
- b. Health care staff is required to have current CPR/AED training upon hire and refresher training shall occur with CPR re-certification.
- c. AED training and certification shall be conducted in accordance with the standards of a nationally recognized organization and shall include AED-specific operational procedures.

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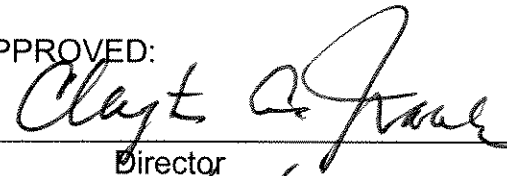
5. SCOPE

This policy and procedure applies to all branch facilities and their assigned personnel.

APPROVAL RECOMMENDED:

	7/17/09
Medical Director	Date
	7/15/09
Health Care Division Administrator	Date
	9/16/09
Deputy Director for Corrections	Date

APPROVED:


Director
9/18/09
Date