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# STANDARD OPERATING PROCEDURE

## Automated External Defibrillator (AED)

### Heartsine Samaritan PAD Defibrillator SAM500P





<p><b><u>1 Introduction</u></b></p> <p>An Automated External Defibrillator (AED) is to be used on a suspected sudden cardiac arrest (SCA) victim when they exhibit the SCA symptoms as taught during first aid training.</p> <p>Responders should consider their own safety and the safety of others prior to using and AED. Responder should only proceed with the operation of the AED when it is safe to do so.</p>	<p><b><u>3 PREPARATION</u></b></p> <p>Turn on the AED and press the self-test button</p> <p>Using the scissors provided cut any clothing off the victim's chest area.</p> <p>If necessary, use the alcohol wipe provided to clean the victim's chest.</p>
<p><b><u>2 WARNINGS</u></b></p> <p><b>2.1 Training</b></p> <p>Formal training on the operation of the AEDs is recommended but not required. First Aid courses include core knowledge requirements for AED use.</p> <p><b>2.2 Safety Precautions</b></p> <p>Before using an AED, the operator must be confident that they can follow the AED instructions for use.</p> <p>Check for danger before touching the victim.</p> <p>Wear protective gloves such as disposable latex or nitrile examination gloves. Use the provided resuscitation mask when giving Cardio Pulmonary Resuscitation (CPR). Dry the victim's chest if it is wet. Do not use the AED if the victim is:</p> <ul style="list-style-type: none"> <li>• Lying in water; or</li> <li>• Conscious; or</li> <li>• Breathing; or</li> <li>• Has a detectable pulse or other signs of circulation.</li> </ul>	<p><b><u>5 MAINTENANCE</u></b></p> <p>Replace pads after each use.</p> <p>Replace pads after five (4) years from date of installation.</p> <p>Replace batteries after five (4) years from date of installation.</p> <p><b><u>6 TROUBLE SHOOTING</u></b></p> <p>Carry out the self-test procedure before use. Refer to the AED operator's guide.</p> <p><b><u>7 REFERENCES</u></b></p> <p>Heartsine SAM 500P Operators Guide</p>

## RESUSCITATION CHART

**D**

### DANGER

Use all senses to check for dangers to yourself, others and the patient. Ensure the area is safe. Move the patient only if the danger cannot be eliminated.



**R**

### RESPONSE

Check for a normal response by talking to the patient, asking them their name and squeezing their shoulders. **DO NOT** move the patient if the injury is the result of a fall.



**S**

### SEND FOR HELP

Send a bystander to call for help and an Ambulance as soon as possible.

DIAL **000** and ask for Ambulance attendance.



**A**

### AIRWAY

Open mouth and check for foreign objects. If objects are present place in recovery position and clear airway with fingers. **DO NOT** move patient if the injury is the result of a fall.



**B**

### BREATHING

Check breathing. Look for rise and fall of chest. Listen for breathing sounds. Feel for breaths on the cheek and for ribcage movement. If breathing is present keep the patient in the recovery position and monitor.



**C**

### CPR

If no breathing is present commence CPR. Give 30 Chest Compressions to every 2 Breaths @ 100 Compressions/minute.



**D**

### DEFIBRILLATION

Apply defibrillator (if available) and follow the voice prompts or instruction on the device. AED - Automated External Defibrillator



**Continue CPR until responsiveness or normal breathing returns**

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