



# WHITTLEY CLUB NSW

## STANDARD OPERATING PROCEDURE

### **Automated External Defibrillator (AED)**

## Heartsine Samaritan PAD Defibrillator SAM500P





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### Automated External Defibrillator (AED)

<p><b><u>1 INTRODUCTION</u></b></p> <p>An <b>Automated External Defibrillator (AED)</b> 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 an 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.</p> <p>First Aid courses include core knowledge requirements for AED use.</p>	<p><b><u>4 OPERATION</u></b></p> <p>Place the pad on the victim's chest as per the instructions on the pad and follow the prompts and instructions from the AED.</p> <p>After use the AED must be tagged "Out of Service" until the pad is replaced.</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.</p> <p>Use the provided resuscitation mask when giving Cardio Pulmonary Resuscitation (CPR).</p> <p>Dry the victim's chest if it is wet.</p> <p>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 (5) years from date of installation.</p> <p>Replace batteries after five (5) years from date of installation.</p>
	<p><b><u>6 TROUBLE SHOOTING</u></b></p> <p>Carry out the self-test procedure before use.</p> <p>Refer to the AED operator's guide.</p>
	<p><b><u>7 REFERENCES</u></b></p> <p>Heartsine SAM 500P Operators Guide</p>



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<h1 style="margin: 0;">CPR Chart</h1> <div style="display: flex; justify-content: space-between; align-items: center;"> <span style="font-weight: bold; font-size: 1.2em;">NSW Ambulance</span> </div> <p style="margin: 5px 0 0 0;">Cardio Pulmonary Resuscitation</p>	
<b>IN AN EMERGENCY REMEMBER YOUR DRSABCD</b>	
<b>D</b> angers?	Check for danger e.g. electrical cords, petrol or other hazards
<b>R</b> esponsive?	Is the patient unresponsive and not breathing normally?
<b>S</b> END FOR HELP!	<ul style="list-style-type: none"> <li>&gt; Shout for assistance</li> <li>&gt; Get someone to dial <b>Triple Zero (000)</b> immediately</li> <li>&gt; Ask for <b>AMBULANCE</b></li> </ul>
<b>O</b> pen <b>A</b> irway	<ul style="list-style-type: none"> <li>&gt; Gently tilt head back and lift chin (not for infants)</li> <li>&gt; Remove foreign matter from mouth (and nose of baby)</li> </ul>
<b>N</b> ormal <b>B</b> reathing?	<ul style="list-style-type: none"> <li>&gt; Look, listen and feel for breathing</li> <li>&gt; <b>If normal breathing is present</b> leave or place patient on their side</li> <li>&gt; <b>If normal breathing is absent, commence CPR 30 compressions to 2 breaths at 100-120 compressions/min</b></li> </ul>
<b>S</b> tart <b>C</b> PR	<div style="display: flex;"> <div style="flex: 1;"> <p><b>CHILD &amp; ADULT:</b></p> <ul style="list-style-type: none"> <li>&gt; Place heel of hand on the lower half of the sternum in the centre of the chest</li> <li>&gt; Compress sternum one third the depth of the chest <b>30 times</b> at a rate of 100-120 compressions per minute</li> <li>&gt; <b>Continue with 30 compressions to 2 breaths</b></li> <li>&gt; Interruptions to chest compressions must be minimised</li> </ul> </div> <div style="flex: 1; text-align: center;"> </div> </div> <div style="margin-top: 10px;"> <p><b>INFANT:</b></p> <ul style="list-style-type: none"> <li>&gt; Position 2 fingers on lower half of the sternum</li> <li>&gt; Depress sternum approximately <b>one third the depth of the chest</b></li> <li>&gt; <b>Continue with 30 compressions to 2 breaths</b></li> </ul> </div> <div style="margin-top: 10px; text-align: center;"> </div>
<b>A</b> ttach <b>D</b> efibrillator	Attach Automated External Defibrillator (AED) as soon as available and follow prompts.
<b>CONTINUE CPR UNTIL PARAMEDICS ARRIVE OR RESPONSIVENESS OR NORMAL BREATHING RETURNS</b> <b>Beware of rescuer fatigue, if help is available swap rescuers every two minutes</b>	
This chart is not a substitute for attending a first aid course. <b>LEARN CPR NOW!</b>	This CPR chart is provided free of charge and must not be sold. The chart is available to download from the Ambulance website at: <a href="http://www.ambulance.nsw.gov.au" style="color: white;">www.ambulance.nsw.gov.au</a> .
For enquiries about this chart: NSW Ambulance Locked Bag 105 Rozelle, NSW 2039 Tel: (02) 9320 7777	This chart conforms to the Australian Resuscitation Council's guidelines on effective CPR as at January 2016. For more information visit: <a href="http://www.resus.org.au" style="color: white;">www.resus.org.au</a>