

# STANDARD OPERATING PROCEDURE

## Automated External Defibrillator (AED)

SOP No. N/A

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Authorised by: Manager, Health  
& Safety Specialist Services



### 1. INTRODUCTION

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.

Responders should consider their own safety and the safety of others prior to using an AED. Responder should only proceed with operation of the AED when it is safe to do so.

### 2. WARNINGS

#### 2.1 Training

Formal training in the operation of AEDs is recommended but not required.

First Aid courses including Apply First Aid (HLTAID003) include core knowledge requirements for AED use.

#### 2.2 Safety Precautions

Before using an AED, the operator must be confident that they can follow the AED instructions for use.

Check for danger before touching the victim.

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 if the victim is:

- Lying in water; or
- Conscious; or
- Breathing; or
- Has a detectable pulse or other signs of circulation.

### 3. PREPARATION

Turn on the AED and press the self test button.

Using the scissors provided cut any clothing off the victim's chest area.

If necessary, use the alcohol wipe provided to clean the victim's chest.

### 4. OPERATION

Place the pad on the victim's chest as per the instructions on the pad and follow the prompts and instructions from the AED.

After use the AED must be tagged Out of Service until the pad is replaced.

### 5. MAINTENANCE

Replace pads after each use.

Replace pads after five years from date of installation.

Replace batteries after five years from date of installation.

### 6. TROUBLE SHOOTING

Carry out the self test procedure before use.

Refer to AED operator's guide.

### 7. REFERENCES

Zoll AED Plus Operators Guide