

NEW SOUTH WALES FIRE BRIGADES OPERATIONS BULLETIN 2006/08



Changes to the Zoll Automated External Defibrillator (AED)

All Zoll Automated External Defibrillators (AED) in service will be reprogrammed to comply with the new changes to the Australian Resuscitation Guidelines.

Over the next 12 months the Hazmat Response Unit will reprogram all AEDs used in the NSWFB. During this transitional period, personnel operating a Zoll AED must follow the prompts displayed by the unit they are using. Until a replacement unit arrives, the current AED is to remain in service unless a fault develops.

Note: There is no problem with the existing AEDs, the units are being reprogrammed to stay inline with the new guidelines.

Current AED procedures

1. When the pads are fitted correctly to the chest it will analyse the patient's heart
2. If it detects the patient has a 'shockable rhythm' it will prompt the rescuer to give the casualty up to **3 consecutive shocks**.
3. It will then prompt the rescuer to check the casualty's airway, breathing and circulation. It will prompt the rescuer to perform CPR if no circulation is found.
4. The AED will then allow the rescuer to perform **CPR for 1 minute** at which point it will re-analyse the heart.
5. The AED will then return to point 2.



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New AED procedures

1. When the pads are fitted correctly to the chest it will analyse the patient's heart
2. If it detects the patient has a 'shockable rhythm' it will prompt the rescuer to give the casualty **1 shock**.
3. It will then prompt the rescuer to check the casualty's airway, breathing and **signs of life**. It will prompt the rescuer to perform CPR if no signs of life are found.
4. The AED will then allow the rescuer to perform **CPR for 2 minutes** at which point it will re-analyse the heart.
5. The AED will then return to point 2.



Station Commander	A	B	C	D	Other

Contact Officer:	File Number:	Date:
Station Officer Rod Chetwynd Manager Recruit Training Ph (02) 9318 4305	CHO/06238	20th September 2006.

Previous Operations Bulletin: 2006/07 Stowage of Bag Valve Mask Adult Resuscitator