



SOP 16-20CW August 2020

ZOLL Fully Automatic AED Plus Policy & Procedures

AED Available at all Locations:

All Price Enterprises, Inc. facilities, Car Wash 808 Express and Pau Hana Express will have a ZOLL Fully Automatic AED Plus readily available for immediate use in case of emergency. Price Enterprises, Inc. has several First Aid and CPR/ AED certified employees that are certified to use the device, however in the State of Hawaii there is also the Good Samaritan ruling that protects any user of the device whether trained or untrained.

Indications for Use of AED:

Use the AED when it is suspected that a person is experiencing Cardiac Arrest by lack of circulation which is indicated by:

- Unconsciousness
- Absence of normal breathing
- Absence of a pulse or signs of circulation

Do not use if the patient/victim:

- Is Conscious
- Is Breathing
- Has a detectable pulse or other signs of circulation

Step-by-Step Procedures When Using ZOLL Fully Automatic AED Plus:

1. Turn the AED On
 - After you have determined that a sudden cardiac arrest has occurred, turn the unit on.
 - Press the On/Off button on the bottom right of the device to turn on the Fully Automatic AED Plus.
 - You will hear the device say "Unit Okay"
2. Follow Visual and Voice Prompts
 - Open the lid on the AED and start following the visual and voice prompts.
 - You will hear the device say "Stay Calm"

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3. Check Responsiveness
 - Check the responsiveness of the victim by shaking them gently and asking, “Are you okay?”
 - Helpful action to take: Take victims hand and tell them to squeeze your hand if they can hear you.
 - You will hear the device say “Check Responsiveness”
4. Call for Help
 - Call 911 or if someone else is present have them call for help
 - You will hear the device say “Call for Help”
5. Open Airway & Check Breathing
 - Lift the victim’s chin and tilt the head back
 - Look for chest rising and falling. Listen and look for air flow during exhalation. Look for normal breathing, coughing, or movement.
6. Attach Electrode Pads
 - A pad will be pre-attached to the device
 - Use the scissors or razor from the ready kit to cut victims clothing and shave chest area if needed
 - Press the CPR-D-padz firmly on the victim’s bare chest
 - Follow the layout of the pads on the visual image provided on device
 - You will hear the device say “Attach the defibrillation pads to victim’s bare chest”
7. Stay Clear of the Victim
 - Do not touch the victim while the AED is performing the rhythm analysis.
 - Be sure to give “Everybody Stand Clear and Step Back” warning.
 - You will hear the device say “Don’t touch patient... analyzing... shock delivered”
8. Follow the Audio Prompts
 - The automatic version does not require pressing the shock button. The device will automatically shock the victim.
 - You will hear the device say “Shock advise, don’t touch patient, analyzing”
 - If device determines that no shock is needed you will hear the device say “No Shock Advised”
9. Administer CPR until Help arrives
 - If the victim is unresponsive, perform CPR as instructed by the AED until medical help arrives.
 - You will hear the device say “Start CPR”
 - When performing CPR follow these components:
 - i. Compression rate of 100-120 per minute
 - ii. Compression depth of 2 inches
 - iii. Administer 2 breaths for every 30 compressions
10. Real CPR Help Begins

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- Once you've started performing CPR, the AED plus will help you maintain the correct depth and rate.
 - The AED plus will instruct you to stop CPR after 2 minutes to perform a heart rhythm analysis.
 - You will hear the device say "Push Harder" or "Good Compressions" depending on whether you are pushing hard enough or need to push harder.
11. Maintain an Open Airway
- Use the lid of the device as a passive airway support system for the "head-tilt chin-lift" maneuver by placing it between the victim's shoulder blades.
 - Do not use lid if spinal injury is suspected.

Training:

First Aid and CPR/ AED certification courses are offered to employees directed by American Red Cross. As part of the new hire indoctrination training will be conducted by the shop Manager for all new hires including where the device is located and when & how to use the ZOLL Fully Automatic AED Plus. Additionally, quarterly refresher training will be conducted for all employees in accordance with Standard Operating SOP 08-18CW Revised Sept. 3, 2018.)

Maintenance & Licensing:

It is the responsibility of the Operations Manager and/ or Senior Executive Officer to frequently check that the ZOLL Fully Automatic AED Plus is working properly and the license for the device is up to date. They will conduct system checks and expiration date checks to make sure that the system is working, and attachments (pads & batteries) are not expired. The ten 123 lithium manganese dioxide batteries in the device will be replaced every five (5) years or when unit prompts. The CPR-D-PADZ expiration date is noted on the pad, and has a projected shelf life of five (5) years.

Cleaning:

- Clean and disinfect device with soft, damp cloth using 90% isopropyl alcohol or soap and water, or chlorine bleach (30ml/liter water)
- Do not immerse any part of device in water
- Do not use ketones (MEK, acetone, etc.) to clean device
- Avoid using abrasives on the LCD display ex. Paper towels
- Do not sterilize the device.

Ricky e Price

Ricky E. Price
Owner/Chairman

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