7.2 AED Responder Initial Assessment

The first AED Responder conducts an initial assessment to determine the level of response required. This initial assessment includes:

- Evaluate the scene for safety of self, patient, and other responders.
- Use gloves and other universal precautions prior to patient contact.
- Assess the patient for absence of responsiveness, respiration, and signs of circulation.
- Collect additional information about the patient such as allergies or other known medical conditions.
- Relay all information gathered at the scene to Community Safety for dissemination to responding parties.

7.3 G5 AEDs Instructions

The following are instructions for the use of the G5 AEDs, which can be identified from the [illegible] in Section VII.

Apply the AED after the following is confirmed:

- Victim is unresponsive or unconscious
- Victim is not breathing or not breathing normally

- Place the AED next to the patient.
- Note: The normal use for the AED is with it lying horizontally.
- Open the AED lid.
- Remove clothing from the patient’s chest.
- Ensure that the patient’s skin is clean and dry
- Dry the patient’s chest and shave excessive hair if necessary.

Determine if the patient is less than 55 lbs/under 8 years of age. This can be done by checking that the pads will NOT overlap when placed on the two locations shown on the pads. If they will overlap, use placement for patients under 55 lbs/8 years

When the AED prompts…	Do this…
“Firmly place the pad without the blue plastic on the patient’s bare chest, exactly as shown on pads.”	1. Place the pad in either location on the chest.
“Next, peel second white pad from the blue plastic. Firmly place the second pad on the other location exactly as shown on pads.”	2. Pull the blue plastic from the second pad. 3. Place the pad on the other location on the chest.

When the AED prompts…	Do this…
“Firmly place the pad without the blue plastic on the patient’s bare chest, exactly as shown on pads.”	

“Analysis interrupted. Stop patient motion.” The AED restarts the analysis.	The patient is excessively jostled or there is strong electromagnetic emitting equipment nearby (within 2 meters).	Remove the electronic device or stop the excessive motion.

When the AED prompts…	Do this…
“Shock advised. Do not touch the patient.”	Ensure that no one is touching the patient.
“Shock will be delivered 3, 2, 1.” The AED delivers the defibrillation shock automatically.	Ensure that no one is touching the patient
After the AED delivers the defibrillation shock: “Shock delivered.”	Wait for the next prompt.
“It is now safe to touch the patient. Give CPR as instructed.”	Begin CPR.

When the AED is charged, it continues to analyze the patient’s heart rhythm. If the rhythm changes and a shock is no longer needed, the AED prompts, “Rhythm changed. Shock canceled.”

After the AED delivers a shock or detects a non-shockable rhythm, it enters CPR mode.

When the AED prompts…	Do this…
“If needed, perform CPR as instructed.”	[redacted]

After transferring the patient to emergency medical personnel, close the lid of the AED to end the rescue session. Prepare the AED for the next rescue.

- Open the lid.
- Optional: Retrieve the rescue data stored in the internal memory of the AED. See the AED Manager User’s Guide for details.
- Connect a new preinstalled pads package (Model number XELAED001) to the AED. See the Defibrillation Pads Instructions for Use for details.
- Verify that the pad connection indicator is off. If the indicator is on, make sure that the pad connector is properly attached to the AED.
- Verify that there is adequate charge remaining in the battery. If the battery charge is low, replace the battery.
- Verify that the service indicator is off.
- Close the lid.
- Verify that the Rescue Ready indicator is green.

Upon arrival of EMS personnel, transfer patient care to the EMS team. Give the EMS agency a complete oral report of the event and any significant findings. Include the following information in the report:

- Patient’s name.
- Known medical problems, allergies or medical history.
- Time the victim was found or SCA was identified.
- Initial and current condition of the patient.
- Information regarding use of the AED unit including number of shocks delivered and the length of time the

“Stay calm. Follow these voice instructions. Make sure 911 is called now.”	--
“Begin by exposing the patient’s bare chest and torso. Remove or cut clothing if needed”	3. Remove clothing from patient’s chest 4. Ensure that the patient’s skin is clean and dry 5. Dry the patient’s chest and shave excessive hair if necessary.

When the AED prompts…	Do this…
“When patient’s chest and torso are exposed, remove square foil package from lid of AED. Tear open foil package across dotted line and remove pads.”	1. Keep the pads connected to the AED, tear open the package. 2. Remove the pads from the package. Leave the package attached to the pad wires.
“Next, Separate One of the White Pads Completely from Blue Plastic Liner. Begin Peeling from the Tabbed Corner,”	3. With a firm, steady pull, carefully peel one pad away from the blue release liner. It does not matter which pad to use.
“Firmly place the pad without the liner on the patient. This pad can be placed on either of the two locations.”	4. Place the pad on the bare upper chest.
“Next, Peel the Blue Plastic Liner Off of the Second White Pad. Firmly Place the Second Pad on the Opposite Location”	5. Pull the blue liner from the second pad. 6. Place the pad on the bare lower chest.

When the AED prompts…	Do this…
“Do Not Touch Patient. Analyzing Heart Rhythm. Please Wait.” The AED will begin to analyze the cardiac rhythm of the patient.	1. Do not touch the patient 2. Wait for the next prompt

During the analysis phases, you may hear one or more of these prompts:

If the AED prompts…	This is the problem…	Do this…
“Make sure pad connector is plugged into AED.”	The pads are [illegible]	[illegible]

part of the patient care record and is confidential, therefore, discussion of any aspects of the event is limited to Responders in debriefing or in training sessions. Copies of the report will be maintained with the AED Program Manager and the Environmental Health and Safety office.

Report any protocol or equipment irregularities that occurred during the SCA event to the Site Coordinator immediately for appropriate action. The AED Program Manager will contact the device manufacturer immediately.

As soon as possible, conduct a debriefing to evaluate the response efforts. The Program Manager, Site Coordinator, and Responder should conduct the evaluation of all aspects of the emergency response. Discuss and document the strengths and deficiencies of the response plan as revealed by the incident. Modifications made to the plan must be approved.

Before returning the AED to service, the AED Program Manager will perform the following post-event procedures:

- Check the AED visually for damage or missing parts.
- Replace all supplies used during the event.
- Clean the unit as instructed by the manual.
- Verify battery has a charge and replace as needed.
- Return the AED to its designated area for future use.

9.0 Definitions

- An automated computerized medical device programmed to provide visual and voice instructions for the device operator. The device is programmed to analyze heart rhythms, recognize rhythms that require defibrillation, and deliver an electric shock if indicated. An automated external defibrillator (AED) is used to treat victims who experience sudden cardiac arrest (SCA). An AED only applies to victims who are unconscious, not breathing, and have no pulse and/or signs of circulation.

- A significant life-threatening event in which a person's heart stops pumping blood or fails to produce an effective pulse.

- External cardiac compression and rescue breathing applied to a patient in respiratory and/or sudden cardiac arrest.

- Artificial ventilation of a patient in respiratory and/or sudden cardiac arrest.

- The professional community responder agency for emergency events, which provides medical assistance and/or ambulance transport.

Appendix 2: AED Post Incident Report

Patient's Last Name	Patient's First Name	Patient's Address	
Phone Number	City	State	Zip Code
Incident Date		AED operator	
Location		Other(s) present	
Estimated time from patient's collapse until CPR began:		Estimated total time of CPR until application of AED:	
Was cardiac arrest witnessed?		By whom?	Time:
Was CPR started?		By whom?	Time:
Did patient ever regain a pulse?	Time:	Did patient begin breathing?	Time:
Did patient ever regain consciousness?	Time:	Hospital patient was taken to:	Time:
Other treatment:			

Appendix 3: Post-Incider