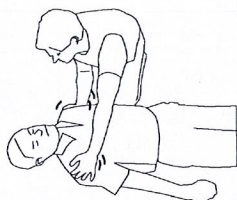
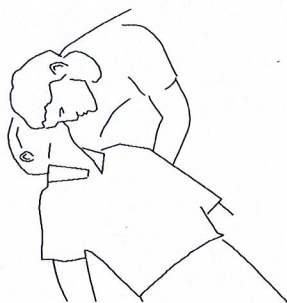


Basic Steps for Using the LIFEPAK CR Plus or LIFEPAK EXPRESS Defibrillator

Responding to an SCA emergency using the defibrillator involves these basic steps:



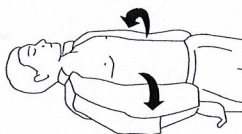
Determine if the victim is in SCA. A person in SCA will not respond when you try to shake him or her.



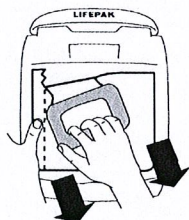
Check for breathing by listening next to the victim's mouth and looking for chest movement.

Use your defibrillator only if the victim is not responding, not moving, and not breathing normally or not breathing at all. If in doubt, use your defibrillator.

Place your defibrillator near the victim and on the side next to you. Press the ON/OFF button to open the lid and turn on your defibrillator. Remain calm. Your defibrillator will guide you through the defibrillation process.

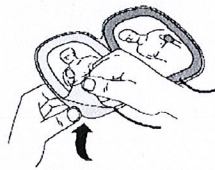


Expose the victim's chest. If the chest is excessively hairy, quickly shave the hair in the area where you will place the pads. If the chest is dirty or wet, wipe the chest clean and dry. If there are medicine patches on the victim's chest, remove them.



Hold down the left side of the electrode packet with one hand and pull the red packet handle down with the other. The electrode packet tears open.

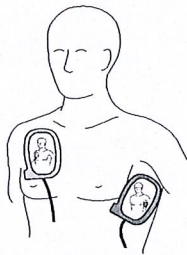
Tear open the packet completely to remove the pads. A small piece of the packet will remain attached to your defibrillator.



Separate the electrode pads, one at a time, from the blue plastic. Use these pads on adults or children 8 years of age or more, who weigh 25 kg (55 pounds) or more. For infants or children who are less than 8 years of age or who weigh less than 25 kg (55 pounds), special electrodes are needed. Refer to page 5-8 for more information.

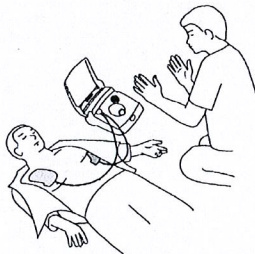
WARNING!

If you cannot determine a child's age or weight, or if special infant/child electrodes are not available, proceed with the existing electrode pads, and continue on to the next step.

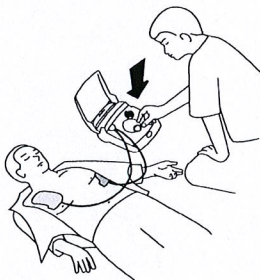


Apply the electrode pads to the victim's bare chest (exactly as shown in the picture on the pads). Be sure to press firmly so that the pads completely adhere to the victim's chest.

Note: Be sure you do not place the electrode pads over an implanted device such as an implanted pacemaker or ICD. An indication of an implant is a protrusion in the chest skin and a scar. If you are in doubt, apply the pads as shown on the labels.



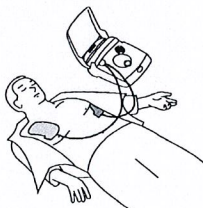
Listen to voice instructions and do not touch the victim unless instructed to do so.



If the defibrillator heart rhythm analysis determines that a shock is needed, the defibrillator will announce *PREPARING TO SHOCK*, and then instruct you to *PRESS FLASHING BUTTON* to administer a shock (semiautomatic model) or it will announce *PREPARING TO SHOCK*, and then automatically administer a shock without requiring further action (fully automatic model).

Do not touch the victim while a shock is delivered.

Regardless of which model you have, continue to follow the voice instructions.



Do not remove the pads or disconnect them from the defibrillator until emergency medical personnel arrive. If the victim starts moving, coughing, or breathing regularly, place the victim in the recovery position (as instructed in CPR training) and keep him or her as still as possible.

What to Do After Emergency Medical Personnel Arrive

When emergency medical personnel arrive, tell them what actions you have taken. Tell them how long the victim has been unconscious, if you delivered shocks, the number of shocks delivered, and if you performed CPR.

Do not worry if you cannot recall precisely what happened. Your defibrillator makes a digital recording of heart rhythms and shocks that can be transferred to a computer at a later time. Refer to Section 4 for information on transferring victim data.


Without removing the electrode pads from the victim, emergency medical personnel can disconnect the electrode pads from the defibrillator and reconnect them to another defibrillator or AED that has a compatible QUIK-COMBO cable.

To disconnect the electrode pads:

- 1 Pull the electrode cable straight out from the defibrillator.
- 2 Remove the electrode packet anchor pin from the slot in the defibrillator.
- 3 Press the ON-OFF button and close the lid to turn off the defibrillator.

What to Do After Using Your Defibrillator

After you use your defibrillator to respond to an SCA emergency, complete the following tasks:

- 1 If the defibrillator is turned on, press and hold the ON-OFF button for approximately 2 seconds to turn it off.
- 2 Clean the defibrillator and its accessories according to the instructions provided in Table 5-1, page 5-3. Use only the cleaning agents identified in Table 5-1.
- 3 Transfer data, if desired.
- 4 Replace the CHARGE-PAK battery charger. (Refer to page 5-5.)
- 5 Install a new QUIK-PAK electrode packet. (Refer to page 5-7.)
- 6 Close the lid and verify that the OK symbol appears in the readiness display, indicating that the defibrillator is ready for use. If the attention symbol  appears after you replace the battery charger, the internal battery needs additional time to reach an adequate charge capacity.
- 7 Dispose of the used electrode pads, any unused spare electrode pads, and the battery charger. (Refer to Recycling Information, page 5-8.)

VOICE INSTRUCTIONS AND TONES

Defibrillator voice instructions provide clear, step-by-step instructions for responding to a victim in cardiac arrest. In addition, your defibrillator may emit sounds that alert you to the actions that the defibrillator is performing.

Note: A few seconds may pass between voice instructions and tones. Always wait for further instructions before taking action.

Note: Some voice instructions will repeat during the defibrillation process.

TROUBLESHOOTING

This section explains problems you may encounter while using the LIFEPAK CR Plus or LIFEPAK EXPRESS defibrillator. For information about keeping your defibrillator in a state of readiness, refer to Section 5.

Table 3-1 Troubleshooting During Victim Use

Problem	Possible Cause	What To Do
<i>CHECK PADS FOR GOOD CONTACT</i> or <i>CHECK CONNECTOR</i> voice instructions are heard	Inadequate connection to the defibrillator	<ul style="list-style-type: none"> Be sure that the connector is completely inserted.
	Electrode pads are not properly adhered to the victim	<ul style="list-style-type: none"> Firmly press the pads on the victim's skin. Clean, shave, and dry the victim's skin before placing pads on skin.
	Electrode pads are dry, damaged, or have passed the expiration date	<ul style="list-style-type: none"> Replace the pads.
Defibrillator cannot deliver the required shock	Electrode pads are not removed from the blue plastic	<ul style="list-style-type: none"> Remove the pads from the blue plastic and apply them to the victim's chest.
	Defibrillator internal battery power is low	<ul style="list-style-type: none"> Administer CPR if the victim is not responding, not breathing normally, or not moving.
Voice instructions sound faint or distorted	Defibrillator internal battery power is low	<ul style="list-style-type: none"> Administer CPR if the victim is not responding, not breathing normally, or not moving.
<i>MOTION DETECTED</i> and <i>STOP MOTION</i> voice instructions are heard	Victim movement because of location	<ul style="list-style-type: none"> Move the victim to a stable location, if possible.
	Victim movement because of breathing	<ul style="list-style-type: none"> Stop CPR during analysis. Check victim for normal breathing.
	Vehicle motion	<ul style="list-style-type: none"> Stop vehicle during analysis, if possible.
	Electrical/radio frequency interference	<ul style="list-style-type: none"> Move communication or other suspected devices away from the defibrillator when possible.

Table 3-1 Troubleshooting During Victim Use (Continued)

Problem	Possible Cause	What To Do
Defibrillator does not deliver voice instructions or beeping tones after you open it (turn it on)	Depleted internal battery	<ul style="list-style-type: none"> Administer CPR if the victim is not responding, not breathing normally, or not moving. Replace the CHARGE-PAK battery charger as soon as possible. After the OK symbol appears on the readiness display, return the defibrillator to service. Contact authorized service personnel.
	Speaker system failure	<ul style="list-style-type: none"> Administer CPR if the victim is not responding, not breathing normally, or not moving. Contact authorized service personnel.
The readiness display is blank	The defibrillator has been turned on	<ul style="list-style-type: none"> Normal condition when the defibrillator is in use.
	Operating temperature is too low or too high	<ul style="list-style-type: none"> Operate the defibrillator within 0° to 50°C (32° to 122°F).
	LCD not operating properly	<ul style="list-style-type: none"> Contact authorized service personnel.