

ZOLL LifeVest

Components

- Garment: Worn under clothes
- Electrode belt: Detects the patient's heart rhythm.
- Monitor unit: Worn on a shoulder strap or belt, processes ECG data.
- Gel pads and therapy electrodes: Deliver the shock if needed.
- Alarm system: Alerts the patient if a shock is about to be delivered, allowing them to delay it if they are conscious and responsive.



LifeVest Consists of a Garment, an Electrode Belt, and a Monitor

1. Garment

- Worn under your normal clothing, directly against skin
- Includes the electrode belt

2. Electrode Belt

- Designed to detect dangerous heart rhythms and deliver a treatment shock

3. Monitor

- Worn around waist or with shoulder strap
- Continuously records heart rate



Alarm Notifications: How you respond to an alert depends on the type of alert you get. There are three types of alerts. See pages 5-1 through 5-2 in manual

GONG Alert – Low pitched sounds that repeats about once a second. This sound is accompanied by a message on the monitor stating a problem that needs your attention. Read the message to see what action needs to be taken. Check that the vest is positioned properly.

VIBRATION – Patient is being warned that you are about to get a siren alert.

SIREN: Loud Alarm – High pitched, two-toned sounds meaning the device has detected a dangerous rhythm. If patient is awake and feeling fine, press the **response buttons** to stop a shock.

- Response Buttons: Two buttons located front and back, that light solid red. If conscious, you should press and release both response buttons to stop from a shock being delivered.

⚡ **Shock Delivery** – If you do not respond, the LifeVest will deliver a treatment shock to restore a normal rhythm within one minute.

IF THE PATIENT IS CONSCIOUS/AWAKE HOLD THE RESPONSE BUTTONS TO STOP A TREATMENT FROM OCCURRING



Nursing Roles/Responsibilities:

- Garment Cleaning: Every Monday-Wednesday-Friday on **DAY SHIFT**: See pages 4-16 through 4-18 in manual
 - Utilize back up garment
 - Before washing, remove: the four ECG electrodes, the vibration box, and the therapy pads, from the garment
 - Wash garment by itself with no other items and attach ends of garments together
 - Can go in dryer but do not use HIGH HEAT setting.
- Battery Change: Daily at 0500: See page 3-6 in manual
 - Leave the garment on during a battery change
 - Remove the existing battery from the holster by opening the holster end flap, then push the battery latched and slide the battery out of the monitor.
 - Slide new battery in until it clicks.
 - There will be a short vibration alert every time you change the battery.
- Showering/Bathing:
 - Remove the battery **FIRST** when you are removing the device.
 - When you put the LifeVest back on, put the battery in **LAST**

