



## EMS System for Metropolitan Oklahoma City and Tulsa 2015 Medical Control Board Treatment Protocols



Approved 11/12/14, Effective 1/15/15, new protocol

### 50-ZOLL LIFEVEST WEARABLE DEFIBRILLATOR

EMERGENCY MEDICAL RESPONDER
EMT
EMT-INTERMEDIATE 85
ADVANCED EMT
PARAMEDIC

#### Clinical Pearls:

1. Before defibrillating, the LifeVest checks to see if a patient is conscious by providing the patient opportunity to press the response buttons, preventing defibrillation. If defibrillation not indicated, allow patient to cancel such action.
2. The LifeVest therapy pads release blue gel prior to defibrillation, improving electrical conduction and reducing skin burning. Keep the gel in place post defibrillation in case additional defibrillation becomes indicated.
3. After the LifeVest detects a ventricular dysrhythmia (ventricular tachycardia or ventricular fibrillation), time to defibrillation will be between 25 and 60 seconds depending on the exact dysrhythmia characteristics.
4. Avoid patient contact during defibrillation. The LifeVest will warn impending defibrillation with a tactile vibration alarm, a two tone siren alert and a voice command stating "Electrical shock possible. Do not touch patient." or "Bystanders do not interfere."
5. Avoid CPR with the LifeVest powered on. To ensure powered off status, remove the battery from the LifeVest monitor. Unbuckle or remove the garment as needed for access to the patient's chest. To power back on, replace the batter and press the response button.
6. The LifeVest monitor should be disconnected from the electrode belt prior to delivering defibrillation with an AED or manual monitor/defibrillator. The garment and belt do not need to be removed.
7. Look at the monitor display for prompts if the LifeVest is giving gong tone alerts.
8. All LifeVest system components should be transported with the patient to allow for data download and component checks at the hospital when indicated.
9. Zoll LifeVest support can be contacted at 1-800-543-3267.



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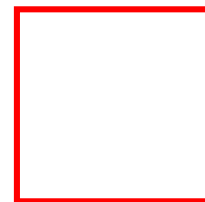


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Figure 1:  
ECG data monitor indicated in red



box.





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Figure 2:

Red: Dry, non-adhesive sensing electrodes on the belt continuously monitor heart rhythm.

Green: Dry therapeutic electrodes automatically deploy conductive gel prior to delivering defibrillation.

