

SCOTTS VALLEY FIRE PROTECTION DISTRICT



STANDARD OPERATING PROCEDURES	ARTICLE: II	SOP: 2206
	SECTION: 2200 Apparatus and Equipment	
	SUBJECT: Lifepack Monitor/ Defibrillators	
	DATE APPROVED: January 21, 2011	
APPROVED:	<i>Mulvan P. M. Mays</i>	

Purpose: To provide a daily procedure for the maintenance, inventory, and record keeping of the Physio Control Lifepack 15 and Lifepack12 Monitor/Defibrillators

Scope: All paramedics shall use this procedure in the use and maintenance of the Lifepack Monitor/Defibrillators.

Procedure:

1. Protocol for Use LIFEPAK 15 (LP-15)

- A. Use of the LP-15 shall follow the county protocols for application, use, and documentation.
- B. ECG and 12 lead information is for Paramedic evaluation only.
- C. Patient exhibiting signs and symptoms of cardiac instability should have ECG 4 lead and 12 lead patches placed in the appropriate spots per county protocol.
- D. Appropriate patient information for 12 leads (initials, age, sex) shall be transmitted to the receiving hospital using the Bluetooth connection per county protocol.
- E. All STEMI patient information must be transmitted to the receiving hospital.

2. Protocol for Use LIFEPAK 12 (LP-12)

- A. Use of the LP-12 shall follow the county protocols for application, use, and documentation.
- B. ECG is for Paramedic evaluation only.
- C. Patient exhibiting signs and symptoms of cardiac instability should have ECG 3 lead patches placed in the appropriate spots per county protocol.

3. Daily check LP-15 and LP-12

- A. Defibrillators shall be checked each morning as part of the daily apparatus check. This check includes a user test, a shock test, a battery check, and an inventory account.
- B. User test Procedures

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- i. Depress *on* button to power on unit.
- ii. Depress *Options* button to get to options menu.
- iii. Select user test using the *speed dial*.
- iv. LP-12 and the LP-15 will print a pass or fail report. (If unit fails, place LP15/12 O.O.S. and call a Medtronic technician.)

C. Shock Test Procedures

- i. Attach shock load box to therapy cable.
- ii. Depress *energy select* button to adjust to 200 joules (speed dial can also be used to adjust joules).
- iii. Depress yellow *charge* button.
- iv. When Lifepack charges to 200 joules it will sound a tone indicating full charge.
- v. Depress red *shock* button.
- vi. The Lifepack will print a strip showing successful or non successful shock.

D. Battery check

- i. Battery charge indicator is on the top right of the main screen.
- ii. Battery charge can also be checked on the battery itself.
- iii. Depress the *indicator* button on the battery.
- iv. 4 green lights indicates a full charge.
- v. With 3 green lights or less the battery should be exchanged for a fully charged battery.

E. Inventory Account LP-15

- Main limb lead cable.
- 12 lead cable.
- Pulse Oximetry cable.
- Pediatric SPO2 Sensor.
- Adult SPO2 Sensor.
- CO SPO2 (Rainbow) Sensor.

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- Automatic blood pressure cuff (regular and large size)
- Blood pressure cuff cable.
- Manual BP cuff.
- Stethoscope.
- 2 packages of ECG patches.
- 4 packages of 12 lead red dots.
- 1 package of pediatric defibrillator pads. (**Check Expiration Date**)
- 2 packages of adult defibrillator pads. (**Check Expiration Date**)
- 1 nasal canula capnography.
- 1 in line BVM capnography.
- Bluetooth transmitter box.
- 1 spare roll of printer paper.
- 1 razor

B. Inventory Account LP-12

- Main limb lead cable.
- Manual BP Cuff. (regular)
- Stethoscope
- 2 packages of ECG patches.
- 1 package of pediatric defibrillator pads (**Check Expiration Date**)
- 2 packages of adult defibrillator pads. (**Check Expiration Date**)
- 1 spare roll of printer paper.
- 1 spare battery.