

## LifePak 15 BLS Supplemental Information

### **Monitoring the ECG:**

Advisory Mode: Virginia Beach EMS LP15s power on in the Advisory Mode. You can monitor the ECG rhythm while in the Advisory Mode. You must be in the Manual Mode to defibrillate, synchronized cardiovert or pace.

Manual mode: To access the Manual Mode, press the energy select arrow. There will be a screen prompt "Enter Manual Mode?" Once "YES" is selected, press the speed dial in to enter manual mode.

AED Mode: You can access the AED mode from the Advisory mode or the Manual mode. To start the AED, press the ANALYZE button and follow the prompts.

### **Non-Invasive Blood Pressure (NiBP)**

In Virginia Beach, it is a requirement to take a manual BP prior to using any automatic blood pressure device. Compare the manual reading with the NiBP reading to ensure the readings are comparable and the NiBP is functioning correctly.

### **Automatic External Defibrillator (AED)**

Defibrillation pads: The LifePak 15 and LifePak12 use Medtronic Quick-combo pads. R2 pads will **not** work with the LP15 or LP12. The MRL defib cable has a blue and white connector which works with R2 pads. The LifePak15 and LifePak12 defib cables have gray connectors that work with Medtronic Quick-combo pads.

Starting the AED: Virginia Beach EMS LP15s power on in the Advisory mode. To start the AED, press the ANALYZE button and follow the prompts.

The AED will prompt "Start CPR" and "If you witnessed the arrest, push ANALYZE"

For unwitnessed arrests 5 cycles of CPR should be performed to "prime the pump" so defibrillation is more likely to be effective. The CPR metronome will count down 5 cycles of CPR (30 compressions: 2 breaths). During the initial 5 cycles of CPR, apply the electrodes to the patient's chest.

If you witnessed the patient go into cardiac arrest, press the "ANALYZE" button to skip the initial 5 cycles of CPR and immediately analyze the rhythm.

CPR Metronome: The CPR metronome in the AED mode uses Adult- No Airway (no ALS airway) compression to ventilation ratios of 30 compressions to 2 breaths. Once the patient is intubated, switch to manual mode and select CPR Adult - Airway to give continuous compressions with 1 ventilation every 6 seconds.

***One of the most important treatments that can be provided to a cardiac arrest patient is good CPR (100 compressions a minute, limit interruptions to CPR, full chest recoil, not over-ventilating the***

***patient). The CPR metronome will help ensure good CPR is being provided to all cardiac arrest patients.***

Defibrillation energy: The LP15's first shock is 200j biphasic. The second shock is 300j biphasic. The third and subsequent shocks are 360j biphasic. Document the energy level and "biphasic" on the PPCR.

Manual mode: to access the Manual Mode, press the energy select arrow. There will be a screen prompt "Enter Manual Mode?" Once "YES" is selected, press the speed dial in to enter manual mode.

**Miscellaneous:**

Home Screen: To close any menu windows and return to the default screen, press the Home button

Event Log: To make a timed event entry in the patient log. Press the EVENT button to access pre-programmed events

Generic Event – press event button twice

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