

LifePak 15: What's New?

Software

Interpretation

- Entirely new rhythm / ECG interpretation software
- New interpretation statements and messages, including

MEETS ST SEGMENT ELEVATION MI CRITERIA

Trending

- Trend for heart rate, blood pressure, SpO2, SpMet, SpCO, ETCO2, and ST segment, can be visualized on the display in real time

Hardware

Finger Probe

- SpO2 – pulse oximetry, oxygen saturation reported in per cent
 - normal reference range **95 – 100%**
- SpCO – carbon monoxide, reported in per cent
 - normal reference range **0 – 9%**
- SpMet – methemoglobin, reported in per cent
 - normal reference range **0 – 2%**

Screen

- User can switch display from full color to high contrast black / white

Batteries

- New power technology and new batteries
- LifePak 12 batteries will NOT work in LifePak 15

Defibrillation

- New cable assembly for defibrillation cable
- Ruggedized

LifePak 15: Software

Software

Interpretation

1. Entirely new rhythm / ECG interpretation software – You will notice significantly improved accuracy of rhythm interpretation statements. Take note that the new software states, *****MEETS ST SEGMENT ELEVATION MI CRITERIA***** when STEMI criteria are present on the ECG.

Trending

1. ST segment trending is continuous when the limb and precordial leads are attached to the patient. The device will print a 12 lead when the J point deviates from the initial measurement by more than 1 millimeter.
2. You can customize the display as each patient encounter dictates. For example, you can customize what is displayed on channel 2 and 3. Channels are specific areas on the display. Channels 2 and 3 normally display the 2nd and 3rd ECG leads. In the picture below, Channel 1 displays the ECG, channel 2, SpO₂, and channel 3 ETCO₂ trending.



To display trend graphs:

1. Rotate the SPEED DIAL to outline Channel 2 or 3, and then press the SPEED DIAL to select the channel. The Channel menu appears.
2. Select WAVEFORM, and then select TREND.
3. Select SOURCE, and then select the desired VS or ST.
4. The default setting for SCALE and RANGE is AUTO. When AUTO is used, the monitor automatically updates the scale so that all values are displayed and all data from Power On to the present time is visible. If you change scale or range, some data may not be visible because it is off scale or out of range.
5. Press HOME SCREEN. The graph for the selected VS or ST appears in the channel.

LifePak 15: Hardware

Hardware

Finger Probe

Accurate measurement of SpO₂, SpCO and SpMet is negatively affected by ambient light. The most accurate measurements are obtained in low light conditions (normal room lighting).

If the SpCO or SpMet reading is above normal limits, an alarm sounds.

During the alarm:

- The elevated SpCO or SpMet value is displayed **instead** of SpO₂.
- The elevated value flashes and the alarm tone sounds.
- One of the following Advisory messages appears in the message area:
 - Advisory: SpCO > 10%
 - Advisory: SpMet > 3%

To cancel the Advisory, press ALARMS. The SpO₂ area reverts to the SpO₂ reading. The Advisory message remains on the screen until the elevated value returns to within normal limits or the device is turned off.

Note – At this time, there is no use for SpMet in the pre-hospital setting.

Screen

The display from full color to high contrast black / white



Display mode button controls color display
display™ display

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