



# LIFEPAK<sup>®</sup> 15

## monitor/defibrillator

### Manual defibrillation controls

GREEN <b>ON</b> button turns device on and off	1	
<b>ENERGY SELECT</b> increases or decreases energy level while in Manual Mode	2	
<b>CHARGE</b> charges the device in Manual Mode	3	
<b>SHOCK</b> initiates discharge of the defibrillator energy to the patient		
<b>ANALYZE</b> initiates analysis in AED Mode		
<b>CPR</b> initiates or silences METRONOME feature		
<b>SYNC</b> activates synchronization mode		

### Noninvasive pacing procedure

#### Demand Pacing:

1. Press **ON**
2. Apply ECG electrodes
3. Apply and connect QUIK-COMBO<sup>®</sup> therapy electrodes
4. Press **PACER**
5. Confirm placement of the sense marker (▼) is near the middle of each QRS
6. Press **RATE** to select desired pacing rate
7. Press **CURRENT** until electrical capture occurs
8. Check blood pressure and pulse to verify mechanical capture

**PAUSE** button facilitates temporary viewing of underlying rhythm

**Note:** Heart rate alarms are disabled during pacing. Observe patient continuously.

For further information, please contact Stryker at 800.442.1142 (U.S.), 800.668.8323 (Canada) or visit our website at [www.strykeremergencycare.com](http://www.strykeremergencycare.com)

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### Synchronized cardioversion procedure

1. Press **ON**
2. Attach patient ECG cable and ECG electrodes
3. Select Lead II or lead with greatest QRS complex amplitude
4. Press **SYNC** . The SYNC MODE message appears in the message area when Sync is active.

**Note:** Confirm that a triangle sense marker (▼) appears near the middle of each QRS complex. If the sense markers do not appear or are displayed in the wrong locations (for example, on the T-wave), adjust ECG SIZE or select another lead.

5. Connect the therapy electrodes to the therapy cable and confirm cable connection to the defibrillator
6. Prepare the patient's skin and apply therapy electrodes to the patient in the anterior-lateral position
7. Press **ENERGY SELECT** or rotate the SPEED DIAL to select the desired energy. On the standard (hard) paddles, rotate the ENERGY SELECT dial.
8. Press **CHARGE**
9. Stand clear of the patient, bed, stretcher, and any equipment connected to the patient
10. Confirm ECG rhythm. Confirm available energy.
11. Press and hold the (shock) button on the defibrillator until the ENERGY DELIVERED message appears on the screen. For standard paddles, press and hold both (shock) buttons on the paddles simultaneously until the ENERGY DELIVERED message appears on the screen.

### Auxiliary power management

1. Connect power cord to power adapter and auxiliary power source
2. Confirm LED strip on power adapter is illuminated
3. Connect power adapter output cable to power adapter
4. Connect green end of output cable to auxiliary power connector on back of defibrillator
5. Confirm (power connected) and (battery charging) LEDs are illuminated

**Note:** At least one battery should be installed at all times. Keep monitor/defibrillator connected to auxiliary power whenever possible to maintain battery charge.

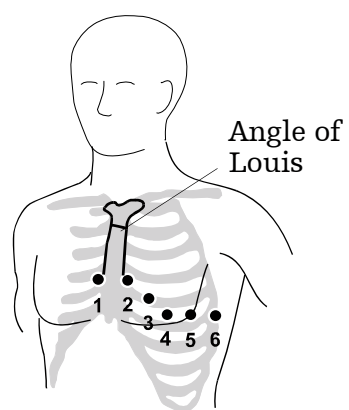
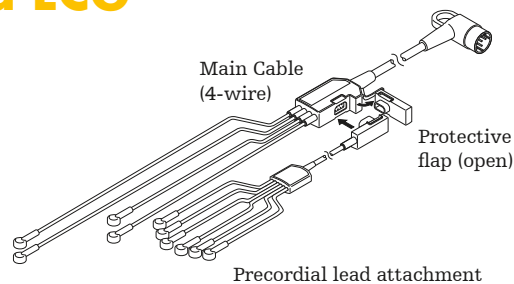


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### Acquiring a 12-lead ECG

1. Press **12-LEAD** Button
2. AGE Menu – enter Age
3. SEX Menu – enter Sex
4. 12-Lead acquires, analyses and automatically prints the 12-Lead ECG



Angle of Louis

LEAD / LOCATION	
V1/C1	Fourth intercostal space to the right of the sternum
V2/C2	Fourth intercostal space to the left of the sternum
V3/C3	Directly between leads V2/C2 and V4/C4
V4/C4	Fifth intercostal space at midclavicular line
V5/C5	Level with V4/C4 at left anterior auxiliary line
V6/C6	Level with V5/C5 at left midaxillary line

### SpO<sub>2</sub> / SpCO / SpMet monitoring procedure

#### SpO<sub>2</sub>

1. Press **ON**  ON
2. Connect the pulse oximeter cable to the monitor and sensor
3. Attach sensor to ring finger of the non-dominant hand and orient so cable is on back of patient's hand
4. Observe the pulse bar for fluctuation, amplitude of the pulse bar indicates relative signal quality
5. Confirm SpO<sub>2</sub> reading appears and is stable

#### SpCO & SpMet

Perform Steps 1-5, then:

6. Verify that SpCO / SpMet sensor is in use; ONLY Rainbow<sup>®</sup> sensors are capable of reading SpCO / SpMet
7. SPEED DIAL to outline SpO<sub>2</sub> area
8. Select parameter
9. Select SpCO or SpMet. Selected value displays for 10 seconds.

**Note:** If SpCO or SpMet reading is above normal limits (SpCO greater than 10%, SpMet greater than 3%) an Advisory message occurs.

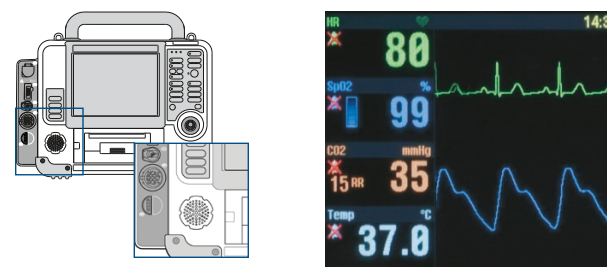
### EtCO<sub>2</sub> monitoring procedure

1. Press **ON**  ON
2. Select appropriate EtCO<sub>2</sub> accessory for the patient
3. Open CO<sub>2</sub> port door and insert FilterLine<sup>®</sup> connector—turn connector clockwise until tight
4. Verify CO<sub>2</sub> area is displayed
5. Display CO<sub>2</sub> waveform in Channel 2 or 3
6. Connect FilterLine set to the patient
7. Confirm the EtCO<sub>2</sub> waveform is displayed

Auto-zero is part of initialization self-test performed by monitor. Scale is automatically selected for best visualization.

**Note:** If you use a ventilation system, do not connect FilterLine set to the patient/ventilation system until self-test is complete.

### Monitoring continuous temperature



1. Press **ON**  ON
2. Connect adapter cable to TEMP port on monitor
3. Connect temperature probe to adapter cable
4. Attach temperature probe to patient according to probe Instructions for Use
5. Confirm temperature reading appears and is stable

**Note:** The temperature probe may require three minutes to equilibrate after patient placement.

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