

A. General Guidelines

1. Verify that the Battery Support System and LIFEPAK® defibrillator/monitor case, paddles, cables, and Quick-Combo cables are clean.
2. Ensure that all supplies and accessories are present and in operating condition, including but not limited to: batteries, ECG paper, patient cables, pacer cables, electrodes, Quick-Combo pads, ePCR connection cable and ETCO₂ Filter Tubing.
3. Do not immerse any portion of the LIFEPAK® in water.
4. Do not use alcohol or ketone products (MEK, acetone, etc.) for cleaning.
5. Avoid using abrasives (for example, paper towels) on plastic display lens.

B. Testing the LifePak Monitor/Defibrillator

Daily Test

1. Make certain all cables are attached to the monitor and remain attached unless cleaning.
2. Attach Quick-Combo cable to the simulator and turn the monitor on.
3. Verify 3 leads with dashed (-----) lines appearing on screen. Verify the correct time is displayed on the top of the screen (see Setting Time and Date below).
4. Turn the simulator on and chose "Asystole".
5. Change the Leads Selector to "Paddles". Verify that there is a flat line. Gently shake the Quick-Combo cable to ensure no artifact appears.
6. Charge the defibrillator to 200 joules. When charge is reached, press SHOCK and observe the screen for "ENERGY DELIVERED".
7. Attach all four patient leads to the simulator. Set the simulator on "Brady".
8. Press the Lead Selector to highlight II, III, CO₂. Gently shake the patient leads to verify no artifact appears.
9. Press "PACE" to start the pacer. Confirm that the R waves are being marked with a triangle.
10. Perform a simulated pacer operation (**Procedure 23**) and confirm proper operation.
11. Remove a Quick-Combo cable from the simulator and observe the alarm.
12. Press "PACE" to turn the pacer off

13. Attach the V Leads to the simulator and select "NSR" on the simulator.
14. Press "12-LEAD" and confirm acquisition and printout:
 - a) Input the word "test" where the patient's last name would be.
 - b) On Monday's, all units must verify correct time and date on the printout.
15. Press "OPTIONS", chose "USER TEST" and press the selector switch. Confirm printout and screen displays "USER TEST PASSED".
16. Check battery status and turn the unit off.
17. Ensure that the following supplies are on hand:
 - a) Two sets of adult Quick-Combo pads.
 - b) One set of Pediatric Quick-Combo pads.
 - c) ECG Paper
 - d) ECG electrodes, minimum of 10.
 - e) Spare battery.
 - f) Two ETCO2 filter line sets

NOTE: Quick-Combo pads should be stored flat and expiration dates must be checked.

Setting Time and Date

1. With power on, press "OPTIONS".
2. Highlight "DATE/TIME" and press.
3. Highlight any required corrections using the Selector Wheel and press.
4. Make any required changes and press. Turn unit off.
5. Change will take effect on the next power up.

C. Checking the LIFEPAK® 500/ LIFEPAK 1000®, SAED

Daily Check

It is not necessary to power up the LP 500/LP1000 daily. This will only prematurely drain the battery.



1. Inspect the housing for visual service indicators or damage. If an audible alarm is sounding or if the battery or wrench icons are illuminated or flashing, contact an EMS Captain.

NOTE: If a loaner is received or your regular unit is returned, perform a monthly test as described below.

2. Ensure that two sets of adult Quick-Combo electrode pads are with the unit at all times.

Monthly Check

1. On the first day of the month, power the unit up and allow it to complete a self-test.
2. If the battery or wrench icons are illuminated or flashing, contact an EMS Captain.
3. Turn the unit off.

E. Malfunctioning or Damaged Equipment

Any problems with the above daily testing procedures should be reported immediately to an EMS Field Supervisor.