

LIFEPAK® 12 defibrillator/monitor Upgrade Information

What are we planning to change with the LIFEPAK 12 defibrillator/monitor?

We're planning to add new set-up options, collectively known as cprMAX™ technology, to allow responders to more faithfully follow the 2005 Guidelines. Customers will have the capability to change the set-up options on all of their defibrillators to adhere to the 2005 Guidelines at the appropriate time.

The following is a partial list of cprMAX technology set-up options planned for the LIFEPAK 12 defibrillator/monitor:

STACKED SHOCKS—Set-up option is STACKED SHOCKS ON or OFF. If set to ON, the defibrillator delivers a series of up to three consecutive shocks, as necessary, without an intervening CPR period. If STACKED SHOCKS are set to OFF, the defibrillator will deliver a single shock and immediately prompt for CPR (or advance to the PULSE CHECK step if activated).

In order to adhere to the 2005 Guidelines, STACKED SHOCKS should be turned OFF.

PULSE CHECK—Set-up option is PULSE CHECK set to ALWAYS, AFTER NSA (No Shock Advised), or NEVER. If the PULSE CHECK is set to ALWAYS it will prompt for a pulse check after completion of the shock sequence and after NSA decisions. If the PULSE CHECK is set to AFTER NSA, then the defibrillator will prompt for a pulse check only after a NSA decision. If the PULSE CHECK is set to NEVER then the defibrillator will never prompt for a pulse check.

In order to adhere to the 2005 Guidelines PULSE CHECK should be set to NEVER.

INITIAL CPR—Set-up options allow a period of CPR prior to first shock delivery.

The 2005 Guidelines allow EMS agencies to choose to implement an INITIAL CPR protocol, if desired.

PRESHOCK CPR—Set-up options allow a period of CPR after a SHOCK ADVISED decision and while the defibrillator is charging. The defibrillator will be prepared to deliver a shock after the completion of the PRESHOCK CPR period.

The 2005 Guidelines state that CPR while defibrillator is charging may be desirable.

Information for U.S. customers

How can I upgrade my LIFEPAK 12 defibrillator/monitor?

We plan to offer two methods for upgrading your defibrillator in the U.S.

Basic upgrade package

This option is available only for customers who have biphasic LIFEPAK 12 defibrillator/monitors with a minimum of 4mb of RAM. Monophasic defibrillators, and defibrillators with less than 4mb of RAM require a hardware upgrade in addition to the software upgrade, and these upgrades can only be performed by a Medtronic service technician.

For biphasic defibrillators with a minimum of 4mb of RAM, this option includes a CD with defibrillator upgrade software and configuration tool. Simply load the software from the CD onto a computer (PC), establish a communication link between the computer and the LIFEPAK 12 defibrillator/monitor with a special 9-pin serial port cable and perform the upgrade following the instructions provided. Once the defibrillator is upgraded, the software can be used to change the defibrillator settings to the new Guidelines.

In order to perform this upgrade you will need a computer (PC) with Windows® XP and a 9-pin serial port (a standard connector found on the back of most computers). An Internet connection is desirable to automatically send a report to Medtronic at the conclusion of the upgrade process.

Premium upgrade package

Our field service team is available to perform hardware upgrades to monophasic LIFEPAK 12 defibrillator/monitor and defibrillators with less than 4mb of RAM, as well as to load the upgrade software. Upon completion of the upgrade the service technician will change the set-up options according to your specifications. The service representative will also perform a preventive maintenance check.

How much will it cost to upgrade my LIFEPAK 12 defibrillator/monitor?

Basic upgrade package

Pricing will be announced at a later date.

Upon request, we will provide the basic upgrade package at no additional cost above and beyond the original purchase price of the defibrillator to customers who were shipped defibrillators after the Guidelines were issued (November 28, 2005). Customers must request the Guidelines upgrade within 24 months of purchase of their defibrillator(s). This offer does not extend to warranty/service replacement for defibrillators shipped prior to November 28, 2005.

Premium upgrade package

Pricing will be announced at a later date.

For customers with a Medtronic service agreement providing for free software upgrades, the premium upgrade will be performed (at the time of annual inspection) onsite or on a ship-in basis per the terms of your agreement at no charge. Monophasic devices, and devices with less than 4mb of RAM will require a hardware upgrade prior to receiving the software upgrade. Customers with a qualifying Medtronic service agreements will receive discounts on these hardware upgrades.

When will the new software be available?

We are working through the development and regulatory steps for this technology at this time. Availability will be announced at a later date.

We are currently not accepting orders for new Guidelines-ready defibrillators or upgrades.

Information for customers outside the U.S.

The same upgrade methods available inside the U.S. will also be available in many countries outside the U.S. Availability will be delayed slightly to allow for translations. See your local sales consultant for details.