

Numbered Lock Tracking Form.”	
<u>CPR COMMITTEE</u>	
* The CPR Committee will review the list of locations for emergency carts yearly and determine if carts need to be added or deleted from areas. Central Processing will be informed of changes in the cart location list.	

Testing the Zoll Defibrillator/AED

(Refer to the Olive View-UCLA Medical Center Intranet –Training Resources- Zoll On-Line Tutorial & Zoll Operator’s Manual-Chapters 12 & 13 for further information/instructions)

Inspect and Test Defibrillator

There are tests that are completed to insure that the Zoll Defibrillator is working properly:

1. Code Readiness Check (performed automatically daily)
2. Daily Visual Inspection – Green light and check ✓ mark is on
3. Manual Defibrillator Testing with Hands-Free Electrodes (performed weekly every Monday-unplugged first, then plugged)

Code Readiness Test (This test is performed automatically once a day)

The R Series defibrillator performs Code Readiness tests automatically to verify its integrity and readiness for emergency use. These tests verify the following:

- LED light for AC power
- LED light for battery charge state
- Code-Readiness indicator

Preparing for Automatic Code-Readiness Tests:

1. Connect the R Series to AC Power
2. Connect unopened Hands-Free Electrodes to the electrode cable, (Unopened Hands-Free Electrodes act as a test port. The test port capability no longer functions once the electrode package is opened and electrodes are deployed.)

After the successful completion of the readiness check, the Code-Readiness indicator displays a green check, indicating that the R Series is ready for therapeutic use. If configured, the R Series will print a test record following automatic test completion (Tape to the back of the Emergency – Crash Cart – Equipment Check Log).

Troubleshooting Red “X”

If for any reason the automatic test does not pass, the R Series will display a red – X.

Note: The presence of the red – X – does not necessarily mean that the device will not function. In an emergency situation, it is always prudent to attempt to use the R Series that has a red – X – while someone else runs to get an R Series with a green checkmark.

To bring an R Series with a red – X – back to a state of clinical readiness:

1. Turn the selector knob to MONITOR.
2. Press the TEST LOG softkey.
3. View the screen display to determine cause of failure (highlighted).
4. If possible, fix the reason for the failure. For example, if electrodes are expired, replace electrodes, or if AC power is not plugged in, plug in AC power.
5. Perform a manual test (described below).
6. If a 30J test OK message displays the device can be used in an emergent situation.
7. Verify presence of green check mark.
8. If problem cannot be resolved, notify Biomed.

Daily Visual Inspection (*Performed once Daily*)

In addition to the automatic Code-Readiness test, the R Series should be inspected for the following:

- Verify presence of green check mark.
- Verify R Series is plugged into the AC power.
- Check paper to ensure adequate supply.
- Visually inspect all cables and connectors for damage or fraying.
- Ensure the unit is clean (with no fluid spills) and free of visible damage.
- Check that a fully charged battery pack is installed in the unit. (Extra Batteries are kept by the Facilities-Biomedical Department).
- Supplies and Accessories
 - o Verify the presence, proper condition, and quantity of all disposable supplies (such as ECG monitoring electrodes, strip chart paper, and alcohol swabs).
 - o **CHECK EXPIRATION DATES** on all equipment, including the two ZOLL therapy pads in sealed packages.

Manual Defibrillator Testing with Hands-Free Electrodes (*Performed weekly – Once every Monday – Check unplugged 1st, then plugged*).

To conduct a manual test of the R Series, follow these steps:

1. Connect the R Series to AC power.
2. Connect unopened Hands-Free Electrodes to the electrode cable, (Unopened Hands-Free Electrodes act as a test port. The test port capability no longer functions once the

electrodes package is opened and electrodes are deployed.

3. Turn Selector Switch to **DEFIB** mode. The R Series will emit 4 beeps.
4. Use Energy Select to select 30J.
5. Press **CHARGE**.
6. When shock button is illuminated, press **SHOCK**.
7. Verify – 30J **TEST OK** message on the screen.
8. Tape the print out of stripchart indicating 30J TEST OK to the back of the Emergency – Crash Cart – Equipment Check Log