



Pre shift check (battery test) (Click NASC Zoll 2024-1) (Click NASC Zoll 2024-2)

It is necessary to perform a battery operation test in addition to the daily shift check procedure as in the manufacturer's instructions for use and the NAS Operator Training:

- 1. With the unit mounted on the wall charging bracket, check that the green auxiliary power LED illuminates on the front panel. You should also have a green or orange LED signifying the battery charge state.
- 2. Press the units' power on switch verify the unit issues 2 audio beeps and that the red, yellow and green visual alarm indicators illuminate for 2-3 seconds.
- 3. Verify that the unit displays SELF TEST PASSED green box middle of screen.
- 4. If the message SELF TEST FAILED appears on the display remove from service and report fault.
- 5. Check that the Ready for Use (RFU) indicator is displayed on the top right front panel. If the RFU is flashing or displaying do not use, check that a fully charged battery is installed and if it continues to flash or indicate do not use, withdraw from service and report fault.
- 6. Without powering off unit, remove the unit from the wall mounted charging bracket, verify that the unit continues to operate without interruption and that the displayed icon indicates a fully charged battery is installed. Ensure no error messages.
- 7. Power off the device and power back on to ensure operating on battery power and verify unit displays SELF TEST PASSED green box middle of screen.
- 8. Reconnect the device to wall mounted bracket.

If at any point it is observed that the green/orange charged/charging light is not illuminated on the Zoll, please check that neither of these cables have become disconnected.

This cable, which is under the mounting bracket

This cable, which is at the rear, connecting the black mounting plate to the zoll device







Network Communication. (Click NASC Zoll 2024-3)

In order to ensure that any Zoll connectivity issues are identified at the start of the shift, the device needs to be powered up, the network system displayed (which will take about 40 seconds), and the update device list check completed. If this is successful, any mid shift transmission errors may be related to local cellular network problems.

Battery Rotation (NASC Zoll 2024 - 6) SOP available with effect from 01 March 2024 through the QR code at end of this document.

When additional batteries have been supplied, on each Monday morning, the first crew on duty on each EA/RRV will swop the battery from the bag into the device and place the fully charged battery from the device into the bag. The "spare" battery will hold its charge for a number of weeks and therefore a second fully charged battery will always be available.

ECG Leads

There have been a small number of reported errors with 12 lead acquisition:

Some have reported loss of <u>all</u> leads/views once the 6 pre cordial cables are plugged in – it is possible that a poor (N) neutral or ground lead connection can lead to the loss of all 4 or 12 leads on the screen.

In the event that all 12 views are not visible or available, please ensure that you have checked that <u>all</u> electrodes (particularly the Neutral/Ground lead) and cables are firmly in contact with the patient's skin (this may mean that some additional skin preparation is required), and that all cable connections to the XA are secure. NAS is currently looking at alternative ECG electrodes.

Cable management / Dust covers.

ECG cables (especially where they enter the connection block) are susceptible to damage if coiled tightly or bent at the point of entry. This can lead to non-visible breakdown of the internal wiring and therefore be a potential cause of failure. When not being used to acquire a 12 lead ECG, the protective cover which is attached to the 4 lead trunk cable should always be in place. If missing, please ensure a replacement is obtained via local structures.



right. If you encounter any fault which cannot be resolved through the actions above, report the issue <u>immediately</u> to the manager on duty (ORM or Shift Manager) <u>and</u> to Accuscience, as per the flow chart.

