

BBS Revolution™ Quick Start Guide

Setup - Explain the procedure to the patient and obtain the necessary supplies: clean single-use disposable gloves, BBS Revolution™ bladder scanner, dBsonx ultrasound gel packet (or equivalent). Wash hands and don clean gloves.



Remove the scanner from the console to wake up the system.

- The display console will show a history of prior scans, a Bluetooth icon, and a battery status icon.
- Blue lights will be visible in the scanner window indicating it is communicating with the console. You may see a small air bubble but this is normal.



Apply a generous quantity of ultrasound gel midway between the pubic bone (pubis) and navel (umbilicus).

- Apply the contents of the single packet of gel (or an equal amount from a gel bottle) to cover the full length and width of the scanner window.
- Sufficient gel is important to ensure an accurate reading.



Position the scanner in the gel so that the entire window surface of the scanner is evenly covered by the gel.

- Press until the window portion of the scanner clears the pubic bone.
- The white portion of the scanner will be completely pressed into the tissue at this point and only the black frame should be visible.



The handle should be perpendicular to patient, pointing straight up.

- Hold the scanner steady during the scan, do not move the scanner.

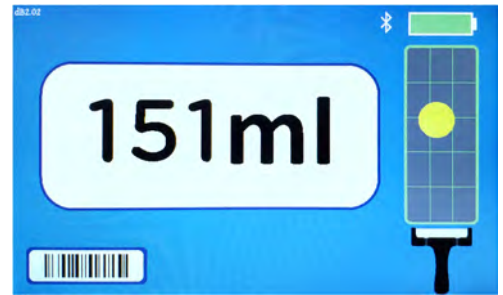


Press and release the button to perform a scan.

- There is no need to move or aim the scanner. The transducers will spin inside the scanner core to automatically locate the bladder.
- You can relax the pressure once the scan is complete and units stops spinning (~3 seconds).
- The volume will be displayed on the console.

IMPORTANT NOTE: The display console and rolling stand can be left outside the room to avoid contaminating the system when scanning a patient on isolation precaution. The wireless connection has a range of 33 feet or 10 meters.

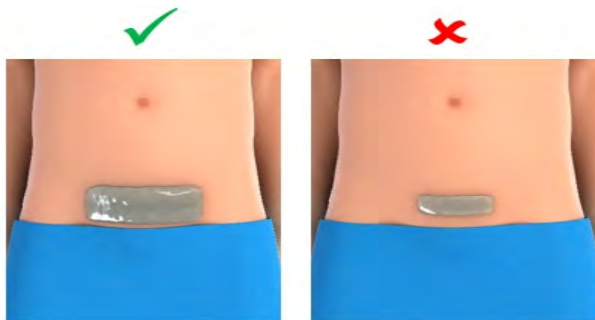
- The volume will be displayed on the left and a graphical representation of the bladder on the right. The window on the right will have a green border if the bladder was fully captured. Repeat the scan if the board is not green.
- The bladder volume is encoded in the barcode displayed at the lower left corner of the screen and can be used to scan the result into the patient's record (if supported).
- Repeat this process if additional confirmatory scans are desired.



Remove the scanner from the patient, clean and return to the console.

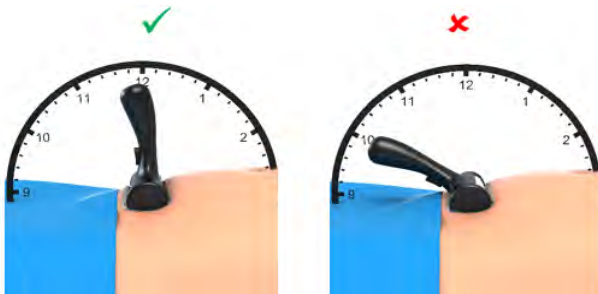
- Use a soft cloth to remove the gel and disinfect per your facility's protocol.
- Dock the scanner in the console to charge. Yellow lights will appear on the scanner indicating it is charging.
- The bladder volume is displayed for 3 min. once the scanner is docked.
- At the end of the day, return the unit to the storage/charging location and plug it in.

Remember three key points for an accurate scan!



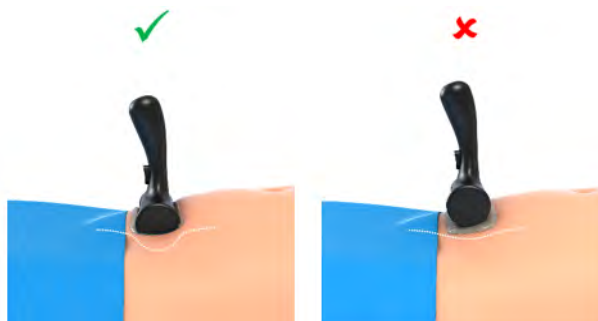
#1 – GEL

Cover the window portion of the scanner completely.



#2 – HANDLE

The handle should be at the 12 o'clock position as shown, and not tilted down. This gives the scanner window a full view of the bladder.



#3 – PRESSURE

Press the scanner firmly into the patient until the white portion of the scanner is level with the pubic bone. The pressure is distributed over the face of the scanner and is not uncomfortable.