



User handbook for the

Bladder volume measurement system
PBS - Palm Bladder Scanner

Goal	- Measurement of bladder volume
User	- Registered nurses
Indication	- This changes with different departments or wards, see the protocols for different indications
Contra indications	- none
Possible complications	- none.

Required items

PTS-Linkton **PBS - Palm Bladder Scanner**

Ultrasound transmission gel.

Alcohol 70%.

swabs.

Tissues or disposable cloths.

Method of working

- Patient position: The procedure is carried out, with the patient lying on their back.
- Apply the gel, in the middle of the abdomen, 3 cm. above the pubic bone.
- Apply gel to the scanner head (apply liberally for a good result).
- Turn on the **PBS-Palm Bladder Scanner**.
- When necessary change the gender according to the patient.
- Place the scanner head, as indicated in the Quick reference, 3 cm. above the pubic bone and directed downwards at a 60° degree angle.
- Align probe in the middle of the patient
- **Point scan key towards patients head.**
- Press the “Scan” button on the unit or on the side of the scanner head.
- This is the pre-scan function.
- In the pre-scan mode, adjust the probe to align the bladder in the window. Then press again; the unit is now scanning and calculating. The calculated volume and images (3 x 4) for checking accuracy are now shown.
- Successful bladder location can be checked on the image with cross hairs cross (located above volume figure on the screen).
- If the image of the bladder is not in the middle of the cross, change the position of the scan head and repeat the procedure until the cross is central. (see Quick Reference Guide (Arrow Guiding Location System))
- Read the displayed bladder volume.

If the unit is connected to the printer, you can print out the results or simply save them to a laptop or PC for direct printing or data storage (see the computer the users manual).

If connected to a printer, press the print button and return the scanner head to the probe holder to protect it.

- Remove the gel from the patient's abdomen, using a tissue or disposable face cloth.
- Remove gel from the scanner head.
- Clean the scanner head using Infection Control Unit's recommended method.