

## Bladder scanning and Uroflow Procedure

All staff must have received uroflow and bladder scanning training and be competent in the procedure.

### Exclusions and contraindications

- If there a wound where scanner probe would be placed
- If parent or older child does not consent
- If patient is too distressed or uncooperative

### Requirements

- Bladder scanner
- Ultrasound transmission gel
- Disposable apron
- Non sterile disposable gloves
- Paper tissue
- Disposal bag
- CGH approved cleansing wipe

### Prior to starting have Uroflow ready

- Ensure the uroflow has been calibrated prior to use and checks completed
- Ensure the uroflow has working batteries placed
- Set up the correct toilet and funnel.
- Ensure Bluetooth of the uroflow is working and the Desktop App open
- Have all details of the child entered in the App
- Explain the procedure to the child and parent/guardian
- Obtain informed consent and document

### Procedure

- Turn on scanner and select paediatric setting (10).
- Expose area above pubic bone and place paper towel.
- Palpate symphysis pubis
- Apply small amount of gel directly onto the scanner head (not onto patient's skin for infection control reason)
- Place scanner head approximately 3cm above symphysis pubis and aim at a downwards angle towards the bladder and the top toward the belly button
- Press the button on the scan head/scanner holding down the scan head steady at all times and wait for the reading to display
- Verify that the probe was aimed properly by using the target shaped aiming icon on the LCD screen
- Repeat the procedure several more times with minor adjustment of the scan head to ensure the highest volume is detected
- When most accurate reading obtained, press done button and print if required

- Use paper towel to remove excess gel from patient's skin and scan head
- Inform patient when the patient is finished and allow them to fix their clothing in private
- Clean scan head in line with manufacturer's instructions after each use
- Remove gloves and apron and dispose as per infection control guidelines. Wash your hands with soap and water.
- Clean equipment in line with infection control policy and manufacturer's instructions. Decontaminate hands.
- Record pre-void volume in notes and file the print out (with patient label) under "Clinical Measurement" in the notes.

Proceed to the uroflow, which ready to go:

- Press start Uroflow on screen
- Tell child to start weeing
- Wait till uroflow is finished.
- Repeat the scan to find post void residual
- Add PVR value in Uroflow details.
- Explain findings to the patient and repeat if necessary.

When finished:

- Check follow up arrangements; complete OPD slip if rerquired
- Ask if there are any questions