

Procedure Information Sheet – Urodynamic Study

Hosp No. :	HKID No.:
Case No. :	
Name :	
DOB :	M / F
Adm Date :	
Contact No.:	

1. Introduction

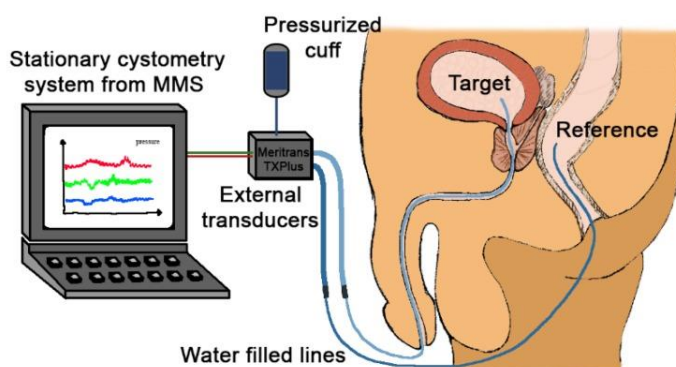
- 1.1. Urodynamic is a test that assess the bladder and urethra function during storing and passing urine.
- 1.2. The test also assess how well the bladder and sphincter muscle are working.
- 1.3. Indications for urodynamic study include:
 - 1.3.1. Incontinence
 - 1.3.2. Frequent urination
 - 1.3.3. Sudden , strong urges to urinate
 - 1.3.4. Weak stream of urine
 - 1.3.5. Painful urination
 - 1.3.6. Incomplete empty of bladder
 - 1.3.7. Recurrent urinary tract infections

2. Procedural Preparation

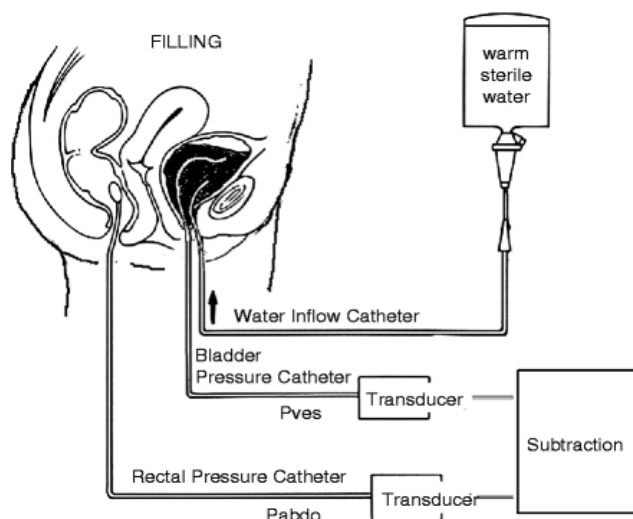
- 2.1. Full bladder on clinic arrival for uroflowmetry before this study.
- 2.2. Empty bowel or use laxatives if necessary, as required by your doctor.
- 2.3. To take or discontinue medication as doctor's order if required.

3. Procedure

- 3.1. On arrival in the department, you will be perform uroflowmetry if required. (Pass urine into a device called a flow-rate machine)
- 3.2. The urodynamic study will usually be prepared and performed by nurse and urologist.
- 3.3. You will be positioned comfortably on a couch. A fine catheter will be inserted to your urethra and another catheter will be inserted to anus. It is a sterile procedure. The catheters will be connected to the measuring apparatus.
- 3.4. Sterile normal saline will be flow to your bladder through the urethral catheter at a measured rate. You will respond to us about your bladder sensation. Some assessments, such as cough or strain etc, will be done at certain time intervals.
- 3.5. You will be encouraged to refrain urine throughout the study until you feels quite full bladder.
- 3.6. Finally you will pass urine into the flow rate machine.
- 3.7. The examination takes around 30 minutes to 1 hour to finish.



Measurement of Urinary Bladder Pressure: A Comparison of Methods. US National Library of Medicine.



How to Conduct Urodynamic Studies: Essentials of a Good Urodynamic Report. Obgyn Key.

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4. **Possible Risks and Complications**

- 4.1. Urethral pain or blood stained urine within few days after examination are usually common. Fluid intake is encouraged and the blood will be diminished gradually. Consult your doctor immediately if large amount of blood appears in urine or fever, chill & rigor.

5. **Remark**

- 5.1. The above mentioned procedural information is not exhaustive, other unforeseen complications may occur in special patient groups or different individual. Please contact your physician for further enquiry.

6. **Reference**

- 6.1. Urodynamics (or pressure tests on the bladder): Procedure-specific Information. Department of Urology, Cambridge University hospitals, National Health Service (NHS) Foundation Trust.
6.2. Measurement of Urinary Bladder Pressure: A Comparison of Methods. US National Library of Medicine. National Institutes of Health.
6.3. How to Conduct Urodynamic Studies: Essentials of a Good Urodynamic Report. Obgyn Key. 17Oct 2016.

I acknowledged the above information concerning the operation or procedure. I have also been given the opportunity to ask questions and received adequate explanations concerning the condition and treatment plan.

Patient/ Relative Signature: _____

Patient/ Relative Name: _____

Date: _____

