



Procedure Information Sheet

Introduction

Urodynamic study is used to diagnose problems of the bladder, sphincters and urethra, storing and releasing urine, to see how well the bladder and sphincter muscles work.

Indication

Urinary incontinence, urinary frequency, urgency, weak stream, painful urination, incomplete bladder emptying, recurrent urinary tract infection.

The Operation / Procedure

1. Patient lie or sit on investigation bed during the procedure.
2. Doctor or nurse will insert a fine catheter to urethra under sterile technique, and then put another fine catheter to anus.
3. During the procedure, sterile normal saline will be infused into bladder through the urethral catheter.
4. Patient will be alert during the whole procedure and may have some discomfort at urethra and suprapubic region.
5. The examination last around 30mins to 1 hour as required.

Before the Operation / Procedure

1. For minor patient (<18 years old), parent is required to sign consent before procedure. On the day of procedure, parent is required to accompany with patient.
2. Uroflowmetry is required before urodynamic study.

After the Operation / Procedure

1. Urethral discomfort or blood stained urine may occur within first two days after examination.
2. Fluid intake is encouraged and the hematuria usually will subside.
3. Consult your doctor immediately if large amount of blood appear in urine or fever, chill & rigor.

Disclaimer

This leaflet only provides general information pertaining to this operation / procedure. While common risks and complications are described, the list is not exhaustive, and the degree of risk could also vary between patients. Please contact your doctor for detailed information and specific enquiry.

Reference

1. Queen Elizabeth Hospital Urology Department- Urodynamic Study (2012)
2. St. Paul 's Hospital - Procedure Information Sheet - Urodynamic Study (2014)
3. <https://www.ouh.nhs.uk/patient-guide/leaflets/files/12142Purodynamics.pdf> (2018)
4. George, F. (2020) Urodynamic evaluation of women with incontinence. UpToDate Retrieved on 29/4/2020 from <https://www.uptodate.com/content/urodynamic>

Patient's Label
Patient Name: _____
Hospital No: _____
Episode No: _____

Patient's Signature: _____ Date: _____