

Contact Us

For enquiries or rescheduling of appointment, please contact us at:

Operating hours:

8.30am to 5.00pm

(Mon to Fri, excl. public holidays)

Telephone:

+65 8799 3570

Email:

paediatricsurgery@nuhs.edu.sg

Other Instructions

About the Khoo Teck Puat – National University Children's Medical Institute (KTP-NUCMI)

The KTP-NUCMI is the paediatric arm of the National University Hospital and comprises the Departments of Paediatrics, Paediatric Surgery and Neonatology. We provide comprehensive and specialised medical and surgical services for newborns, children and adolescents. NUH is the only hospital in Singapore that offers paediatric kidney and liver transplant programmes. Through a generous gift from the Estate of Khoo Teck Puat, we have set up an integrated outpatient facility with medical, diagnostic and rehabilitation services.

For more information about us, visit www.nuh.com.sg/ktp-nucmi.

Contact Us

24-hour Children's Emergency

Location: NUH Main Building, Zone F, Level 1

General Enquiry: +65 6772 5000

KTP-NUCMI

Location: NUH Main Building, Zone E, Level 2

(Accessible via Kent Ridge Wing, Zone C, Level 2, Lift Lobby C)

Operating Hours: 8.30am – 5.30pm (Mon to Fri), 8.30am – 12.30pm (Sat)

General Enquiry: +65 6772 5736

Appointment Line: +65 6908 2222

Email: ktpnucmi_appt@nuhs.edu.sg

9a Viva-University Children's Cancer Centre

Location: NUH Medical Centre, Zone B, Level 9

Operating Hours: 8am – 5.30pm (Mon to Fri)

Appointment Line: +65 6772 5030 Fax: +65 6872 4314

Email: cbccappt@nuhs.edu.sg

NUH Children's Urgent Care Clinic @ Bukit Panjang

Location: Junction 10, 1 Woodlands Road, #01-22, Singapore 677899

Operating Hours: 9am – 11pm daily (including public holidays)

General Enquiry: +65 6219 1538

Email: childrenucc@nuhs.edu.sg

Website: www.nuh.com.sg/ucc

NUH Child Development Unit @ JMC

Location: Jurong Medical Centre,

60 Jurong West Central 3, Level 2, Singapore 648346

Operating Hours: 8.30am – 5.30pm (Mon to Fri)

Appointment Line: +65 6665 2530/2531 Fax: +65 6665 0158

Email: cdu@nuhs.edu.sg

Website: www.nuh.com.sg/cdu

NUH Child Development Unit @ Keat Hong

Location: Keat Hong Community Club,

2 Choa Chu Kang Loop, #03-01, Singapore 689687

Operating Hours: 8.30am – 5.30pm (Mon to Fri)

Appointment Line: +65 6769 4537/4637 Fax: +65 6665 0158

Email: cdu@nuhs.edu.sg

Website: www.nuh.com.sg/cdu

National University Hospital

Location: 5 Lower Kent Ridge Road, Singapore 119074

Tel: +65 6908 2222

Email: contactus@nuhs.edu.sg

Website: www.nuh.com.sg



Scan QR code for
NUH Campus Map

Information is correct at the time of printing (November 2022) and subject to revision without prior notice.

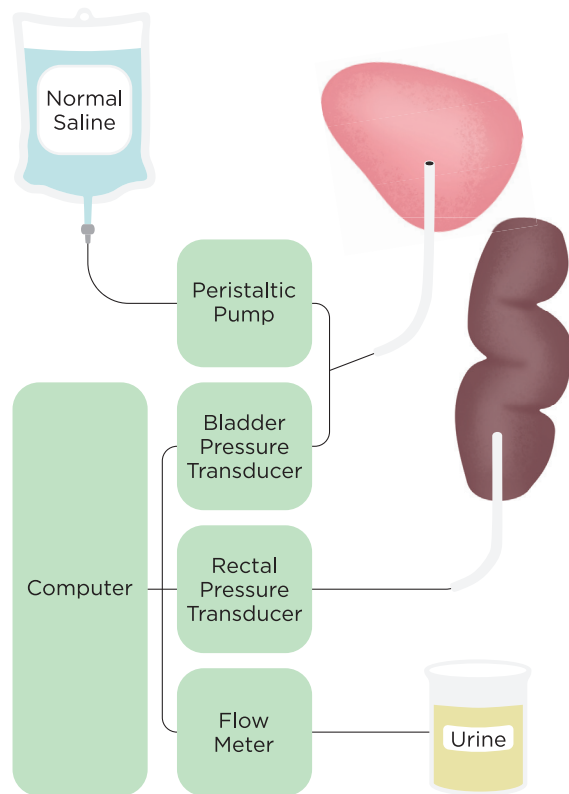
Urodynamic Study



Khoo Teck Puat – National University
Children's Medical Institute

The information provided in this publication is meant purely for educational purposes and may not be used as a substitute for medical diagnosis or treatment. You should seek the advice of your doctor or a qualified healthcare provider before starting any treatment or if you have any questions related to your health, physical fitness or medical condition.

What is urodynamic study?



Urodynamic study is a test that assesses the bladder's ability to store and release urine by measuring the bladder pressure, urethra function and urine flow rate.

What are the preparations required before the test?

Your child needs to clear his/her bowels on the day of the test. If he/she has constipation, the doctor will prescribe a laxative to soften the stools.

Some children may require mild sedation to allow for cooperativity of the test. They will need to fast for 6 hours prior to the test.

What do I need to take note of before the procedure?

Please inform us if you suspect that your child may have urinary tract infection (UTI) on the day of the appointment. The test will need to be rescheduled if your child has UTI.

The symptoms of UTI include one or more of the following:

- Passing urine more often than usual
- Pain and burning sensation when passing urine
- Abdominal or back pain
- Nausea or vomiting
- Fever
- Bedwetting
- Wetting during the day
- Foul-smelling or cloudy urine
- Blood in urine
- Irritability
- Loss of appetite
- Severe tiredness and lack of energy



How is the procedure performed?

Your child will be told to lie on the bed with his/her genital area exposed. After cleaning and application of topical anaesthetic, fine tubes (catheters) will be inserted into his/her urethra (urinary passage) and rectum (anus). These tubes observe the pressure in the bladder. Your child may also have stickers called electrodes carefully attached to his/her hips and buttocks.

The bladder is then filled with sterile saline solution through the catheter. While this is occurring, your child will be asked to describe how it feels. He/she may also be requested to strain or cough to determine the presence of urinary leakage during the procedure.

After bladder is filled, your child will have to empty it by urinating into a uroflow machine which records the urine volume, speed and pressure. The catheters are then removed and the doctor will discuss the findings with you.

How long is the procedure?

The duration is estimated to be around 30 to 60 minutes.

What do I need to take note of after the procedure?

Your child may feel a stinging or burning sensation when urinating for the first few times after the test but it should not last for more than 48 hours.

It is advised that he/she drinks plenty of fluids for the next 24 hours to help flush the bladder to prevent urine infection.

If the discomfort lasts for more than 48 hours or a fever (body temperature of 38°C and above) develops, please go to the Children's Emergency immediately.

