

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, and are the only public 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/nuhkids.

Contact Us

24-hour Children's Emergency

Location: NUH Main Building, Zone F, Level 1
General Enquiry: +65 6772 2555

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 6772 2002
Fax: +65 6776 2102 Email: ktpnucmi_appt@nuhs.edu.sg

9a Viva-University Children's Cancer Centre

Location: NUH Medical Centre, Zone B, Level 9
Operating Hours: 8.30am – 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: childreनुcc@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 6779 5555 Email: NUH_enquiries@nuhs.edu.sg
Website: www.nuh.com.sg



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NUH Campus Map

Information is correct at the time of printing (Feb 2021) and subject to revision without prior notice.

Uroflowmetry and Post-Voidal Residual Urine



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 uroflowmetry?

It is a test that measures four aspects of urination:

- How much urine is passed
- The speed of urine flow
- The pattern of urine flow
- How well the bladder empties after urination (post-voidal residual urine)

What is post-voidal residual urine?

Post-voidal residual urine (PVRU) is the amount of urine retained in the bladder after voiding. A bladder ultrasound scan is used to determine the bladder volume after uroflowmetry.

Why does my child need uroflowmetry?

Uroflowmetry is recommended if your child has bedwetting issues. It helps us to better understand how your child's bladder functions and aids in diagnosing conditions such as voiding dysfunctions, urethral strictures and poor bladder emptying.

What are the preparations required before the test?

Prior to the test, your child's doctor may ask you or your child to complete a bladder diary to monitor his/her bladder voiding patterns.

It is advised that your child drinks a few cups of water prior to the test to ensure a full bladder, which will better facilitate the study. The test will not be accurate if the volume of urine passed is too little, resulting in your child having to repeat the test.



How is uroflowmetry done?

Your child will be directed to the toilet where he/she has to sit on the commode chair (for girls) or stand (for boys) and urinate into a measuring jug that is placed upon the uroflowmeter. The uroflowmeter measures the speed and quantity of urination. This information is recorded into a chart in the laptop.

After the uroflowmetry test, your child will be brought to a room where he/she will lie down for a bladder scan which measures the PVRU in the bladder.



What happens after the test?

Your doctor will discuss with you and your child on the uroflowmetry test results and the recommended treatment.



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