

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/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: childreucc@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



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NUH Campus Map

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

Fetal Kidney Clinic for Expectant Parents



I am pregnant and my unborn baby has abnormal kidneys. What should I do?

You are expecting a baby to arrive and your doctor has told you that your unborn baby may have abnormalities of the kidney and/or urinary tract. It is normal to have questions and worries at this point. The NUH Fetal Kidney Clinic is specially set up for expectant parents who may want more information.

What kind of inborn abnormalities can happen?

Abnormal urinary tracts

Hydronephrosis/distension of renal pelvis and calyces
Hydroureter
Pelviureteric junction obstruction (PUJO)
Vesicoureteric junction obstruction (VUJO)
Vesicoureteric reflux (VUR)
Posterior urethral valve (PUV)
Urethral stricture
Neurogenic bladder

Abnormal kidneys

Multicystic dysplastic kidney
Dysplastic kidney
Polycystic kidney/cystic kidney
Pelvic kidney
Horseshoe kidney
Duplex kidney
Absent kidney/kidney agenesis
Echogenic kidneys/
nephrocalcinosis

What can happen to my baby?

Abnormalities of the kidneys and urinary tracts are seen in at least 1-2% of unborn babies. Abnormalities seen before birth can be transient and resolve with time. Others may persist for life but do not cause functional problems.

However, there are some abnormalities that may require prompt evaluation and interventions after birth to preserve kidney health. Some conditions may predispose your child to recurrent urinary tract infections and further kidney damage. Prompt interventions may decrease this risk.

In very rare cases, the amount of amniotic fluid may be decreased (oligohydramnios) and lung development may be affected.



Why do babies have inborn abnormalities of kidneys and urinary tracts?

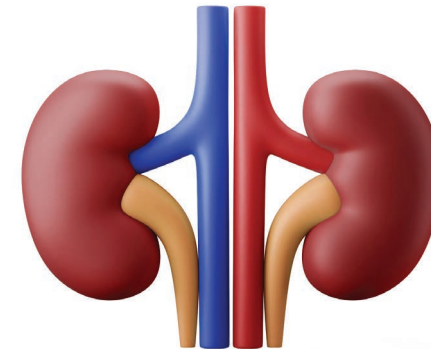
Some of these conditions occur due to genetic or hereditary causes. Often, no specific cause can be identified. In certain genetic cases, abnormal development in other organs may also be present.

What can the NUH Fetal Kidney Clinic offer?

Our experienced children's kidney specialist will advise you based on your baby's scans and progress. The doctor will provide preliminary information on the possible diagnosis and outcomes based on your baby's tests and ultrasound findings, and develop an individualised plan for evaluation and treatment after birth. A referral to the paediatric urologist or geneticist may be recommended. We may also provide basic financial counselling.

We do not perform additional investigations or interventions to the unborn child. Counselling is solely based on the tests done by your obstetrician. Follow-up plans may be arranged for the child after birth where necessary.

The detailed ultrasound scan at 18-24 weeks' gestation should have been performed. You should bring along all scans (including images, if available) and reports for this consultation.



Contact Us

For appointment, please email us at ktpnucmi_appt@nuhs.edu.sg. A referral letter from your obstetrician will be useful but is not compulsory. We accept referrals from local private or international medical institutions.

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.