

## Location



### Nearest MRT Station

Kent Ridge (Circle Line)

## 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 (NUH) in Singapore, and comprises the Departments of Paediatrics, Paediatric Surgery and Neonatology. It houses the national paediatric liver and kidney transplantation programmes as well as the chronic renal replacement programme for children. It is a tertiary institution equipped to provide comprehensive and specialised medical and surgical services for newborns, children and adolescents. Through a generous gift from the estate of Tan Sri Khoo Teck Puat for the advancement of paediatric patient care, education and research, KTP-NUCMI is undergoing major expansion to further enhance its standing as an international centre of excellence in paediatric healthcare. NUH Kids is the brand of the KTP-NUCMI.

Information is correct at time of printing (July 2013) and subject to revision without prior notice.

### National University Hospital

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Company Registration No. 198500843R

A member of the NUHS



Fetal Kidney Clinic  
Information for Obstetricians



## Are you looking after expectant parents whose unborn child may have kidney abnormalities? Do they have many unanswered questions?

We can imagine the fears and anxieties your patients may face. The Fetal Kidney Clinic at the National University Hospital (NUH) is specially set up for expectant parents who have been told that their unborn child may have significant congenital kidney disease based on prenatal ultrasound scans and would like to find out more about possible tests, interventions and outcomes after birth.

## Congenital abnormalities of the kidney and urinary tract (CAKUT)

Abnormalities of the kidney and urinary tract are noted in about 1-2% of fetuses during prenatal ultrasound scans. About half of these are transient and resolve with time. Others are minor and will not affect the baby's life significantly, pretty much like having a big nose or an extra thumb. However, there are some abnormalities that may ultimately lead to significant problems after birth. Certain abnormalities involving obstruction of the urinary tract will require prompt evaluation and interventions after birth to preserve kidney health.

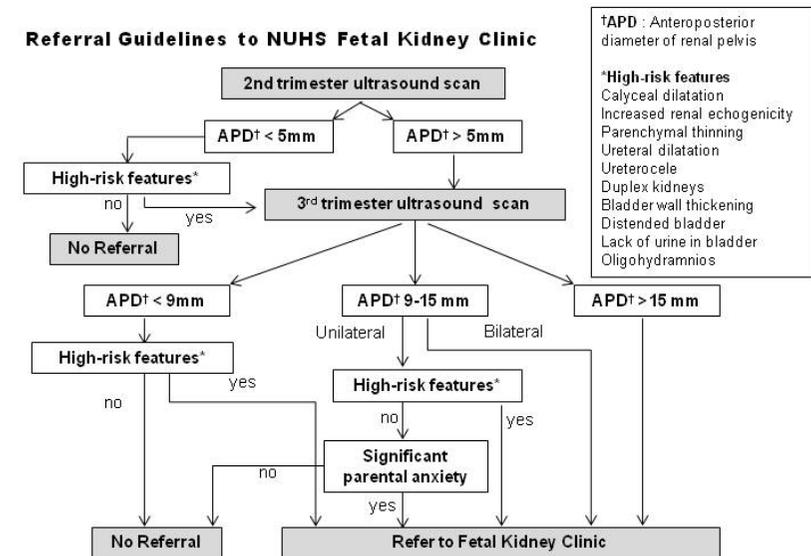
## Abnormalities that may be detected in prenatal ultrasound scans

- ◆ Hydronephrosis and/or dilated urinary tracts
- ◆ Single kidney
- ◆ Absent or malformed kidneys
- ◆ Echogenic kidneys
- ◆ Ectopic kidneys

## Who can attend this clinic?

This clinic is for expectant parents whose baby has significant abnormalities detected on the fetal anomaly scan at 18-24 weeks' gestation. Follow-up scans in the later stages of the pregnancy may be necessary to evaluate the severity of the abnormalities.

Below are the referral guidelines. However, *expectant parents with significant anxiety may be referred regardless of the severity of anomalies.*



## What can this clinic offer?

The expectant parents will be counselled by a paediatric kidney doctor and through detailed discussion, the doctor will provide information on the possible diagnosis and outcomes based on the prenatal ultrasound findings, and develop an individualised plan for evaluation and treatment after birth. The clinic does not provide additional investigations or interventions to the fetus. Counselling is solely based on the prenatal obstetric ultrasound findings. Follow-up plans may be arranged for the child after birth. It is not necessary that the child be born at NUH.

## Contact Us

For appointment, please fax the referral form together with the latest ultrasound report to **(65) 6776 2102** or email to: **Clinic\_A\_SN@nuhs.edu.sg**

The referral form can be downloaded at [www.nuhkids.com](http://www.nuhkids.com)

For enquiries, email us at **ckc@nuhs.edu.sg** or call **(65) 6772 4411**.

It is important to bring along all ultrasound scans and reports for the visit. We accept referrals from local private or international medical institutions.

For more information about us, please visit our website @ [www.nuhkids.com](http://www.nuhkids.com)