

Arrange urgent

renal ultrasound

before discharge

Antenatally Detected Renal Tract Abnormalities - Paediatric Summary Clinical Guideline

Reference No: NIC SS 13/Feb 23/v003

Postnatal Investigations

- Bilateral hydronephrosis with AP diameter ≥10 mm to rule out significant bilateral Vesico-ureteric reflux (VUR), Posterior urethral valve (PUV) or bilateral complete pelviureteric junction obstruction (PUJO)
- Poor urine stream/dribbling of urine
- Suspected bladder outlet obstruction (e.g. PUV, large ureterocele)
- Unilateral hydronephrosis with AP diameter ≥10 mm in a fetus with a single kidney or contra-lateral MCDK
- A palpable kidney
- Unilateral hydronephrosis with AP diameter ≥20mm
- Bilateral abnormality of renal parenchyma (e.g. "bright" small kidneys or bilateral polycystic kidneys)

Check U&E 24 Any renal abnormality associated with oligohydramnios hours after birth (e.g. echogenic kidneys) Single kidney MCDK Discuss with on call consultant Book out-patient All other renal anomalies renal USS in 6 weeks and clinic appointment in 8 weeks (Dr Lee @ RDH and Dr Ahmed @ QHB)