Urinary Tract Infection Management Flowchart

Infant
≤ 6 weeks

Investigations:
- Urine: SPA
- FBP, U&E, CRP, blood cultures
- LP

IV antibiotics:
Amoxycillin and Gentamicin
Check Neonatal Antibiotic Guideline for doses

Admit
under general paediatric team

Infant
6 wks - 3 mths

Investigations:
- Urine: SPA, catheter
- FBP, U&E, CRP, blood cultures
- Consider LP

IV antibiotics:
Amoxycillin and Gentamicin

Infants and Children
> 3 mths

Toxic signs present

Appears unwell but no toxic signs

Investigations:
- Urine ≤ 6 mths: SPA, catheter
- Urine > 6 mths: clean catch (catheter if waiting > 45 mins)

Consider
- IM antibiotics:
  - Gentamicin or Ceftriaxone

Appears well

Investigations:
- Urine ≤ 6 mths: SPA, catheter
- Urine > 6 mths: clean catch (catheter if waiting > 45 mins)

Discharge
- Oral antibiotics - Cephalexin or Cotrimoxazole or Augmentin Duo
- GP follow up in 48 - 72 hours to check urine culture and sensitivity - GP letter
- Request renal US as per instructions below

Child ≤ 6 mths:
- PMH Renal US request form
- General Paediatric Outpatient Clinic referral
- Leave both in ED Consultat's office

Child > 6 mths:
- GP to arrange renal US if < 3 yrs