

# Catheterised patient

Asymptomatic bacteriuria.

Common finding, treatment not routinely needed.

Symptomatic bladder/kidney infection.

Consider catheter removal or change ASAP if been in situ for > seven days. Do not delay antibiotics for change/removal.

Presence of upper UTI symptoms.

Send urine C+S (Take CSU via port or MSU if catheter removed)

Absence of upper UTI symptoms.

Pregnant women >12 years old.\*

Cephalexin for 7-10 days. Contact microbiology re second line options.

Children and young people <16 years. Admit if age < three months.

7-10 days of trimethoprim if reduced risk of resistance\*\* or cephalexin.

Non-pregnant women and men.

Seven days treatment of nitrofurantoin if eGFR ≥45, consider if eGFR 30-44.\*\*\* Trimethoprim if reduced risk of resistance\*\* Second line: pivmecillinam.

Non-pregnant women & men.

Cephalexin for 7-10 days or ciprofloxacin for seven days (caution re: muscle/tendon/bone and nervous system risks)

Children & young people <16 years Admit if age <3 months.

7-10 days of trimethoprim if reduced risk of resistance \*\* or cephalexin.

Pregnant women > 12 years old.\*

Cephalexin for 7-10 days. Contact microbiology re: second line options.

Ask to return if not improved in 48 hours. Consider other antibiotics depending on culture and sensitivity results.

## Consider liaising with specialist re:

- \* pregnant women
- If increased risk of complications (known/suspected abnormality of genitourinary tract, underlying disease e.g. diabetes/immunosuppression)
- If recurrent catheter-associated UTIs

## \*\* Reduced risk resistance if

- Trimethoprim not used in past three months
- Previous culture suggested sensitivity (but not used)
- Not in older people's care home
- Younger people where local data suggests low resistance

\*\*\* Avoid nitrofurantoin if eGFR <45; however may be used with caution if eGFR 30-44 for up to seven days, to treat uncomplicated lower UTI caused by suspected or proven multidrug resistant bacteria and only if potential benefit outweighs risk