

Louth: Antimicrobial Guidelines - Louth Hospitals: Antimicrobial Guidelines: Genital Tract Infections

Indication
Acute Epididymo-orchitis Higher risk of STI-associated epididymo-orchitis? • Younger age • High risk sexual history • No previous urological procedure or UTI • Urethral discharge present • Urine dipstick positive for leucocytes only Lower risk of STI-associated epididymo-orchitis? • Older age • Low risk sexual history • Previous urological procedure or UTI • No urethral discharge • Positive urine dipstick for leucocytes and nitrites
First Line Antimicrobials
STI likely/possible: Doxycycline 100mg BD PO for 14 days AND If <i>N. gonorrhoeae</i> strongly suspected, ADD Cef-TRI-axone 1g IM stat STI unlikely: Ciprofloxacin 500mg BD PO for 10 days N.B. Risk of long-lasting and disabling adverse effects with quinolones, mainly involving muscles, tendons and bones and the nervous system. Consider potential to prolong the QT interval. Consider that seizure threshold may be lowered .
NON-immediate-onset and NON-severe Penicillin Hypersensitivity
STI likely/possible: Doxycycline 100mg BD PO for 14 days AND If <i>N. gonorrhoeae</i> strongly suspected, ADD Cef-TRI-axone 1g IM stat STI unlikely: Ciprofloxacin 500mg BD PO for 10 days N.B. Risk of long-lasting and disabling adverse effects with quinolones, mainly involving muscles, tendons and bones and the nervous system. Consider potential to prolong the QT interval. Consider that seizure threshold may be lowered .
IMMEDIATE-onset or SEVERE Penicillin Hypersensitivity
STI likely/possible: Contact GU/ID Consultant for advice. STI unlikely: Ciprofloxacin 500mg BD PO for 10 days N.B. Risk of long-lasting and disabling adverse effects with quinolones, mainly involving muscles, tendons and bones and the nervous system. Consider potential to prolong the QT interval. Consider that seizure threshold may be lowered.
Comments
ALWAYS take a sexual history, regardless of patient age. Seek urgent urology review if concern regarding testicular torsion. Microbiological Investigations: • Blood cultures if systemically unwell • MSU • STI screen – first voided urine for chlamydia, gonococcal and <i>M. genitalium</i> PCR, serum for HIV, hepatitis and syphilis • Urethral swab if purulent discharge NB. Refer patient to GUM clinic if indicated : 086 8241847.
Duration of Treatment
Duration of each agent as listed in the dosing section.

For other genital conditions, see [HSE Antibiotic Prescribing Guidelines](#) for management.