

## Louth: Antimicrobial Guidelines - Louth Hospitals: Antimicrobial Guidelines: Urogenital Surgery Prophylaxis

Procedure
<ul style="list-style-type: none"> <li>Change of Urinary Catheter</li> <li>Simple Cystoscopy</li> <li>Urodynamic Studies</li> </ul>
First Line Antimicrobials
<p>Antimicrobial prophylaxis is not generally indicated.</p> <p>If the patient is at high risk of endocarditis and/or is immunocompromised, send urine for C&amp;S within 5 days prior to procedure.</p> <p>Actions:</p> <ol style="list-style-type: none"> <li>1. Sterile urine culture – do not give antimicrobial prophylaxis</li> <li>2. Uropathogens isolated from urine – prescribe single dose prophylaxis based on antimicrobial susceptibility results</li> <li>3. No urine culture result available – prescribe single dose of <a href="#">gentamicin</a> 5mg/kg IV (renal dose 3mg/kg IV) within 60 minutes prior to the procedure.</li> </ol> <p>Contact Consultant Microbiologist to discuss further if necessary.</p>
Procedure
Endoscopic Ureteric Stone Fragmentation
First Line Antimicrobials
<a href="#">Gentamicin</a> 5mg/kg IV ( renal dose 3mg/kg IV).
Procedure
Extracorporeal Shock Wave Lithotripsy
First Line Antimicrobials
<a href="#">Gentamicin</a> 5mg/kg IV ( renal dose 3mg/kg IV).
Procedure
Trans Rectal Ultrasound (TRUS) Guided Prostate Biopsy
First Line Antimicrobials
<p><b>N.B. Risk Assessment Questionnaire to be completed for all patients by the referring Urologist to determine appropriate prophylaxis.</b></p> <p><b>If healthcare worker / quinolone use in the last 6 months :</b></p> <p>Ciprofloxacin 750mg PO one hour prior to procedure and 750mg PO 12 hours after procedure (supply single dose to patient on discharge)</p> <p><b>AND</b></p> <p><a href="#">Amikacin</a> 15mg/kg IM STAT (max 1g), one hour prior to procedure (use 500mg/2ml vials)</p> <p><b>If antimicrobial treatment for UTI in the last 12 months :</b></p> <ul style="list-style-type: none"> <li>If urine culture result available, choice of prophylaxis to be discussed with Consultant Microbiologist</li> <li>If MSU not sent or result not available, prophylaxis with ciprofloxacin and amikacin as above</li> </ul> <p><b>If history of infection following a previous TRUS prostate biopsy :</b></p> <p>Choice of prophylaxis to be discussed with Consultant Microbiologist</p> <p><b>If history of CRE/CPE or if patient has risk factors for CRE/CPE :</b></p> <p>Rectal swab for CPE/CRE carriage required prior to biopsy. Result should be reviewed before biopsy proceeds. Contact Consultant Microbiologist for further advice if required.</p> <p><b>All other patients :</b></p> <p>Ciprofloxacin 750mg PO one hour prior to procedure and 750mg PO 12 hours after procedure (supply single dose to patient on discharge)</p>
Procedure
Transurethral Resection of Bladder Tumour (TURBT)
First Line Antimicrobials
<a href="#">Gentamicin</a> 5mg/kg IV ( renal dose 3mg/kg IV).
Procedure
Transurethral Resection of the Prostate (TURP)
First Line Antimicrobials
<a href="#">Gentamicin</a> 5mg/kg IV ( renal dose 3mg/kg IV).

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