

## Louth: Antimicrobial Guidelines - Louth Hospitals: Antimicrobial Guidelines: Paediatrics - Orthopaedic Surgery Prophylaxis

<b>Procedure</b>
<b>Paediatrics - Closed Clean Procedures without Prosthesis/Implants</b>
<b>Prophylactic Antimicrobials</b>
Antimicrobial prophylaxis not recommended.
<b>Procedure</b>
<b>Paediatrics - Standard Procedures with Prosthesis/Implants</b>
<b>Prophylactic Antimicrobials</b>
<b>First Line Prophylaxis/ Delayed-Onset Penicillin Hypersensitivity:</b>
Cef-UR-oxime IV
<b>If MRSA cover required, Add Teicoplanin IV</b>
<b>Immediate-Onset or Severe Penicillin Hypersensitivity:</b>
Teicoplanin IV
<b>Duration of Prophylaxis</b>
No further post op doses necessary
<b>Comments</b>
If patient chronically colonised with bacteria other than MRSA, contact Microbiology for advice.
<b>Procedure</b>
<b>Paediatrics - Open Fractures / Wounds</b>
<b>N.B .</b> Intravenous antibiotics are administered as soon as possible after injury and continued until wound debridement. Administer antibiotic doses pre-operatively (no more than 60 minutes before skin incision) to ensure optimum plasma and tissue concentrations at the time of procedure.
<b>Prophylactic Antimicrobials</b>
<b>First Line Prophylaxis/ Delayed-Onset Penicillin Hypersensitivity:</b>
Cef-UR-oxime IV <b>AND</b> Metronidazole IV
<b>If MRSA cover required, Add Teicoplanin IV</b>
<b>Immediate-Onset or Severe Penicillin Hypersensitivity:</b>
Teicoplanin IV <b>AND</b> Gentamicin IV <b>AND</b> Metronidazole IV
<b>Duration</b>
Continue for 72 hours or until definitive wound closure whichever is sooner.
<b>Comments</b>
If patient chronically colonised with bacteria other than MRSA, contact Microbiology for advice.