

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

Procedure
Paediatrics - Closed Clean Procedures without Prosthesis/Implants
Prophylactic Antimicrobials
Antimicrobial prophylaxis not recommended.
Procedure
Paediatrics - Standard Procedures with Prosthesis/Implants
Prophylactic Antimicrobials
First Line Prophylaxis/ Delayed-Onset Penicillin Hypersensitivity:
Cef-UR-oxime IV
If MRSA cover required, Add Teicoplanin IV
Immediate-Onset or Severe Penicillin Hypersensitivity:
Teicoplanin IV
Duration of Prophylaxis
No further post op doses necessary
Comments
If patient chronically colonised with bacteria other than MRSA, contact Microbiology for advice.
Procedure
Paediatrics - Open Fractures / Wounds
N.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.
Prophylactic Antimicrobials
First Line Prophylaxis/ Delayed-Onset Penicillin Hypersensitivity:
Cef-UR-oxime IV AND Metronidazole IV
If MRSA cover required, Add Teicoplanin IV
Immediate-Onset or Severe Penicillin Hypersensitivity:
Teicoplanin IV AND Gentamicin IV AND Metronidazole IV
Duration
Continue for 72 hours or until definitive wound closure whichever is sooner.
Comments
If patient chronically colonised with bacteria other than MRSA, contact Microbiology for advice.