

Louth: Antimicrobial Guidelines - Louth Hospitals: Antimicrobial Guidelines: Paediatrics - Eye Infections

Infection
Paediatrics - Conjunctivitis
Likely Organisms
Viruses (most cases): Enteroviruses, Adenovirus, Herpes simplex virus
Bacteria: H. influenzae, S. pneumoniae, M. catarrhalis
Empiric Antimicrobial Treatment
Child > 1 month
Treat only if proven bacterial conjunctivitis. Most cases, whether viral or bacterial, resolve spontaneously. Topical chloramphenicol eye drops, continue for 48 hours after healing. Note - the previous warning associated with use of chloramphenicol eye drops in patients under 2 years of age has been reviewed and removed.
Duration of Treatment
5 – 7 days
IV to Oral Switch
N/A
Comments
Consult Microbiology if Group B Streptococcus is identified.
Infection
Paediatrics - Cellulitis: Pre-septal (Peri-Orbital)
Likely Organisms
S. aureus, Group A Streptococcus, Pneumococcus, H. influenzae in unvaccinated individuals
Empiric Antimicrobial Treatment
Mild Cases :
Co-amoxiclav PO
OR
Cef-AL-exin PO
Severe Cases :
Cef-O-taxime IV
Duration of Treatment
10 to 14 days (including IV to oral switch)
IV to Oral Switch
As per clinical response
Comments
In severe cases:
<ul style="list-style-type: none"> • Ensure that pus is examined urgently • Take blood cultures prior to commencing antibiotics <p>For children ill enough to require IV therapy, CT scan is recommended to determine:</p> <ul style="list-style-type: none"> • underlying sinusitis • subperiosteal abscess • intracranial extension <p>Tailor therapy to the most appropriate agents based on culture and sensitivity results.</p>

Antibiotic	Co-amoxiclav PO
Indication	Paediatrics - Cellulitis: Pre-septal (Peri-Orbital)
Contraindications	
Warnings	
Monitoring	
Adverse Effects	
Notes	