

Infection**Initial antibiotics** () = maximum dose**CENTRAL NERVOUS SYSTEM / EYE****Encephalitis**

Aciclovir 20 mg/kg iv 8H (age <3m)

SA (m²)

$$\sqrt{\frac{\text{ht (cm)} \times \text{wt (kg)}}{3600}}$$

500 mg/m² iv 8H (age 3m-12y)

10 mg/kg iv 8H (age >12y)

Meningitis

(suspected or proven)

Cefotaxime 50 mg/kg (2 g) iv 6H

Age <2m: **add** Benzylpenicillin 60 mg/kg iv 12H (wk 1 of life)
6-8H (wk 2-4 of life) 4H (>wk 4 of life) **and** Gentamicin

Meningococcal prophylaxis

Rifampicin 10 mg/kg (600 mg) po 12H for 2d

Orbital cellulitisFlucloxacillin 50 mg/kg (2 g) iv 6H **and**

Cefotaxime 50 mg/kg (2 g) iv 6H

Periorbital cellulitis

Mild: Amoxicillin/Clavulanate (400/57 mg per 5 mL)
0.3 mL/kg (11 mL) po 12H

Moderate: Flucloxacillin 50 mg/kg (2 g) iv 6H

Severe, or <5y + not Hib imm: As for orbital cellulitis above

CARDIOVASCULAR**Endocarditis prophylaxis**

Amoxicillin 50 mg/kg (2 g)

(dental procedures only)

po 1 hr before LA, **or** iv with GA induction**GASTROINTESTINAL****Peritonitis**

Ampicillin **or** Amoxycilin 50 mg/kg (2 g) iv 6H **and**
Gent 7.5 (6 if >10y) mg/kg (360 mg) iv daily **and**
Metronidazole 15 mg/kg (1 g) iv stat,
then 7.5 mg/kg (500 mg) iv 8H

Giardiasis

Metronidazole 30 mg/kg (2 g) po daily for 3d

GENITOURINARY**UTI**

Sick, or <6m, or
acute pyelonephritis:

Benzylpenicillin 60 mg/kg (2 g) iv 6H **and**
Gent 7.5 (6 if >10y) mg/kg (360 mg) iv daily

>6m + *not sick*: Trimethoprim 4 mg/kg (150 mg) po 12H **or**
if syrup necessary then Co-trimoxazole
(8/40 mg per mL) 0.5 mL/kg (20 mL) po 12H

UTI prophylaxis

Trimethoprim **or** Co-trimoxazole
at half treatment doses above, once daily

RESPIRATORY

Tonsillitis	Consider no antibiotics (particularly if <4y) or Penicillin V 250 (500 if >10y) mg po 12H for 10d
Otitis media	Consider no antibiotics for 48 hrs (if >2y) or Amoxycillin 15 mg/kg (500 mg) po 8H
Pertussis	Erythromycin 12.5 mg/kg (500 mg) po 6H for 14d or Clarithromycin 7.5 mg/kg (500 mg) po 12H for 7d
Pneumonia	Mild: Amoxycillin 15 mg/kg (500 mg) po 8H or Roxithromycin* 4 mg/kg (150 mg) po 12H Moderate: Benzylpenicillin 60 mg/kg (2 g) iv 6H and Consider Roxithromycin* dose as above Severe or pneumatocoele: Flucloxacillin 50 mg/kg (2 g) iv 4H and Gent 7.5 (6 if >10y) mg/kg (360 mg) iv daily and Consider Azithromycin* 15 mg/kg (500 mg) iv stat, then 5 mg/kg (200 mg) iv daily

* Mycoplasma cover

SKIN / SOFT TISSUE / BONE

Adenitis	Flucloxacillin 50 mg/kg (2 g) iv 6H
Bites (animal/human)	Mild: Amoxycillin/Clavulanate (400/57 mg per 5 mL) 0.3 mL/kg (11 mL) po 12H Severe: Ticarcillin/Clavulanate 50 mg/kg (3 g) iv 6H
Cellulitis	Mild: Cephalexin 25 mg/kg (500 mg) po 6H Moderate/Severe: Flucloxacillin 50 mg/kg (2 g) iv 6H
Impetigo	Mupirocin 2% ointment 8H if localised or Cephalexin 25 mg/kg (500 mg) po 12H
Head lice	1% Permethrin liquid or cream rinse
Scabies	5% Permethrin cream (treat all family)
Osteomyelitis/Septic arth	Flucloxacillin 50 mg/kg (2 g) iv 4-6H <5y + not Hib imm: add Cefotaxime 50 mg/kg (2 g) iv 6-8H

SEPTICAEMIA

Septicaemia (ie sick child)	Normal CSF: Flucloxacillin 50 mg/kg (2 g) iv 4H and Gent 7.5 (6 if >10y) mg/kg (360 mg) iv daily Unknown CSF: Flucloxacillin 50 mg/kg (2 g) iv 4H and Cefotaxime 50 mg/kg (2 g) iv 6H With central line <i>in situ</i> replace Flucloxacillin above with or with suspected MRSA: Vancomycin 15 mg/kg (500 mg) iv 6H
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