

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

Aciclovir 20 mg/kg iv 8H (age &lt;3m)

**SA (m<sup>2</sup>)**

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

500 mg/m<sup>2</sup> iv 8H (age 3m-12y)

10 mg/kg iv 8H (age &gt;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

**Meningococcc prophylaxis**

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

**Orbital cellulitis**Flucloxacillin 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 &lt;5y + not Hib imm: As for orbital cellulitis above

**CARDIOVASCULAR****Endocarditis prophylaxis**

(dental procedures only)

Amoxicillin 50 mg/kg (2 g)

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

Ampicillin **or** Amoxycil in 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

**RESP RATORY**

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

\* Mycoplasma cover

**SKIN / SOFT TISSUE / BONE**

<b>Adenitis</b>	Flucloxacillin 50 mg/kg (2 g) iv 6H
<b>Bites</b> (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
<b>Cellulitis</b>	Mild: Cephalexin 25 mg/kg (500 mg) po 6H Moderate/Severe: Flucloxacillin 50 mg/kg (2 g) iv 6H
<b>Impetigo</b>	Mupirocin 2% ointment 8H if localised <b>or</b> Cephalexin 25 mg/kg (500 mg) po 12H
<b>Head lice</b>	1% Permethrin liquid or cream rinse
<b>Scabies</b>	5% Permethrin cream (treat all family)
<b>Osteomyelitis/Septic arthr</b>	Flucloxacillin 50 mg/kg (2 g) iv 4-6H <5y + not Hib imm: <b>add</b> Cefotaxime 50 mg/kg (2 g) iv 6-8H

**SEPTICAEMIA**

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