

Table 3. Pediatric Doses

Agents	Route	Dose	Infection	Frequency	Duration
Cefprozil	p.o.	30 mg/kg q. d ¹ ,	Acute otitis media ¹ /pharyngitis/ sinusitis/bronchitis	q. 12 h	10-14 days ^a
Cefuroxime axetil	p.o.	30 mg/kg q. d ¹ ; 15 mg/kg q. d. ²	Acute otitis media ¹ /pharyngitis/ sinusitis/bronchitis	q. 12 h	10-14 days ^a
Cefuroxime axetil	p.o.	30-40 mg/kg/day ¹ / 20 mg/kg/day ²	Acute otitis media ¹ /pharyngitis ² sinusitis/bronchitis/pneumonia	q. 12 h	10-14 days ^a
Cefuroxime	i.v.	100-150 mg/kg day ^{5/6}	Pneumonia ⁴ /bacteremia ⁵ / bone & joint ⁶	q. 8 h	10-14 days ^a
Cefixime	p.o.	8 mg/kg/day ¹	Acute otitis media ¹ /pharyngitis sinusitis/bronchitis/pneumonia	q. 24 h	10-14 days ^a
Cefpodoxime	p.o.	10 mg/kg/day ¹ (NTE 400 mg/day ¹)	Acute otitis media ¹ /pharyngitis sinusitis/bronchitis/pneumonia	q. 12 h	10-14 days ^a
Ceftriaxone	i.v. or IM	50 mg/kg to 75-100 mg/kg/day ^{7b}	Acute otitis media ¹ /bronchitis/ pneumonia/meningitis ⁷ bacteremia/bone & joint	Single dose ¹ to 12 h ⁷	10-14 days ^a
Amoxicillin/clavulanate	p.o.	40/6.4-20/6. 4 mg/kg/day	Acute otitis media ¹ /bronchitis/ pneumonia/pharyngitis/sinusitis	q. 8 h	10-14 days ^a
Ampicillin/sulbactam	i.v. or i.m. Not Recommended If < 12 years of age	25-50 mg/kg q ⁶ ⁹ 50-100 mg/kg ⁷ q ⁶	Pneumonia ⁴ /meningitis ⁷ / bacteremia ⁵ /bone & joint ⁶	q. 6 h	10-14 days ^a
Trimethoprim/ sulfamethoxazole	p.o. i.v. ^{4/6/7}	8 mg/kg/day (TMP) ¹ 5 mg/kg q. 6 h (TMP)	Acute otitis media ¹ /bronchitis/ pneumonia ⁴	q. 12 h	10-14 days
TMP/SMX Erythro- sulfisoxazole	p.o.	40 mg/kg/day ¹	Meningitis ⁷ /bacteremia ⁶ /sinusitis Acute otitis media ¹ /bronchitis/ pneumonia/pharyngitis/sinusitis	q. 6 h q. 6-8 h	10-14 days 10-14 days
Erythromycin	p.o.	30-40 mg/kg/day	Acute otitis media ¹ /bronchitis/ Pneumonia/pharyngitis/sinusitis	q. 6/8/12 h	10-14 days
Erythromycin	i.v.	15-40 mg/kg.day	Pneumonia ⁴	q. 6 h	10-14 days
Clarithromycin	p.o.	7.5 mg/kg/day	Acute otitis media ¹ /bronchitis/ Pneumonia/pharyngitis/sinusitis	q. 12 h (NTE 500 mg dose)	10-14 days
Azithromycin	p.o.	10 mg/kg/day, then 5 mg/kg/day 2-5 days	Acute otitis media ¹ /bronchitis pneumonia/sinusitis/pharyngitis	q. 24 h	5 days dosing
Chloramphenicol	i.v.	50-75 mg/kg/day	Bacteremia	q. 6 h	10-14 days ^a
Chloramphenicol	i.v.	100 mg/kg/day ⁷	Meningitis ⁷	q. 6 h	10-14 days ^a

^aBone infections and bacteremia with associated endocarditis require longer therapy.

^b100 mg/kg primary dose for meningitis not to exceed 4 g then 100/kg/day not to exceed (4 g/day).