

Table 6: Antibacterial therapy (oral)

Pathogen	Preferred	Alternative
<i>S. pneumoniae</i> (penicillin MIC \leq 2.0 mcg/mL)	Amoxicillin (45-90 mg/kg/day div bid or tid)	A second or third generation cephalosporin (cefepodoxime, cefuroxime, cefprozil) Levofloxacin (16-20 mg/kg/day div bid for children 6 mon to 5 yrs and 8-10 mg/kg/day once daily for children 5 to 16 yrs) ¹ Linezolid (30 mg/kg/day div tid for children < 12 yrs and 20 mg/kg/day div bid for children >12 yrs)
<i>S. pneumoniae</i> (penicillin MIC \leq 4.0 mcg/mL)	Levofloxacin (16 -20 mg/kg/day div bid for children 6 months to 5 years and 8-10 mg/kg/day once daily for children 5 to 16 years) ¹ Linezolid (30 mg/kg/day div tid for children < 12 years and 20 mg/kg/day div bid for children >12 years)	Clindamycin (30-40 mg/kg/day div tid) ²
Group A Streptococcus	Amoxicillin (50-75 mg/kg/day div bid) Penicillin V (50-75 mg/kg/day div qid)	Clindamycin (40 mg/kg/day div tid) ²
<i>S. aureus</i> (methicillin susceptible)	Cephalexin (75-100 mg/kg/day div tid or qid)	Clindamycin (30-40 mg/kg/day div tid or qid)
<i>S. aureus</i> (methicillin resistant)	Clindamycin (30-40 mg/kg/day div tid or qid) ³ Linezolid (30 mg/kg/day div tid for children < 12 years and 20 mg/kg/day div bid for children >12 years) ⁴	Linezolid (30 mg/kg/day div tid for children < 12 years and 20 mg/kg/day div bid for children >12 years)
<i>Haemophilus influenzae</i> typeable (A-F) or non-typeable	Amoxicillin (75-100 mg/kg/day div tid) Amoxicillin/clavulanate (45-90 mg amox/kg/day div tid) ⁵	A third generation cephalosporin (Cefdinir, cefixime, cefpodoxime, or ceftibuten)
<i>Mycoplasma pneumoniae</i> , <i>Chlamydia trachomatis</i> or <i>Chlamydia pneumoniae</i>	Azithromycin 10 mg/kg on day 1, followed by 5 mg/kg/day once daily days 2-5	Clarithromycin 15 mg/kg/day div bid) Erythromycin 40 mg/kg/day PO div qid) Doxycycline (2-4 mg/kg/day div bid) Levofloxacin (500 mg once daily) Moxifloxacin (400 mg once daily)

¹ Levofloxacin maximum daily dose of 750 mg.² For beta-lactam allergic children.³ For methicillin resistant *S. aureus* isolates which are D test negative.⁴ For methicillin resistant *S. aureus* isolates which are D test positive.⁵ For beta-lactamase producing *Haemophilus influenzae* strains.