

Pediatric antibiotic dosage information			Adult antibiotic dosage information
Antibiotic, age range	Dosage <sup>a</sup>	Frequency of dosing	Adult dosage <sup>a</sup>
Amikacin <sup>b</sup>	15–22.5 mg/kg/day	Every 8–24 h	15–20 mg/kg <sup>e</sup> every 24 h <sup>f</sup>
Ampicillin sodium <sup>c</sup>	200 mg/kg/day	Every 6 h	--
Ampicillin-sulbactam <sup>c</sup>	200 mg/kg/day of ampicillin component	Every 6 h	--
Aztreonam <sup>c</sup>	90–120 mg/kg/day	Every 6–8 h	1–2 g every 6–8 h
Cefazolin	--	--	1–2 g every 8 h
Cefepime <sup>c</sup>	100 mg/kg/day	Every 12 h	2 g every 8–12 h
Cefotaxime <sup>c</sup>	150–200 mg/kg/day	Every 6–8 h	1–2 g every 6–8 h
Cefotetan <sup>c</sup>	40–80 mg/kg/day	Every 12 h	--
Cefoxitin <sup>c</sup>	160 mg/kg/day	Every 4–6 h	2 g every 6 h
Ceftazidime <sup>c</sup>	150 mg/kg/day	Every 8 h	2 g every 8 h
Ceftriaxone <sup>c</sup>	50–75 mg/kg/day	Every 12–24 h	1–2 g every 12–24 h
Cefuroxime <sup>c</sup>	150 mg/kg/day	Every 6–8 h	1.5 g every 8 h
Ciprofloxacin	20–30 mg/kg/day	Every 12 h	400 mg every 12 h
Clindamycin	20–40 mg/kg/day	Every 6–8 h	--
Doripenem	--	--	500 mg every 8 h
Ertapenem			1 g every 24 h

3 months to 12 years	15 mg/kg twice daily (not to exceed 1 g/day)	Every 12 h	
≥13 years	1 g/day	Every 24 h	
Gentamicin <sup>b</sup>	3–7.5 mg/kg/day	Every 2–4 h	5–7 mg/kg <sup>e</sup> every 24 h <sup>f</sup>
Imipenem-cilastatin <sup>c</sup>	60–100 mg/kg/day	Every 6 h	500 mg every 6 h or 1 g every 8 h
Levofloxacin	--	--	750 mg every 24 h
Meropenem <sup>c</sup>	60 mg/kg/day	Every 8 h	1 g every 8 h
Metronidazole	30–40 mg/kg/day	Every 8 h	500 mg every 8–12 h or 1500 mg every 24 h
Moxifloxacin	--	--	400 mg every 24 h
Piperacillin-tazobactam <sup>c</sup>	200–300 mg/kg/day of piperacillin component	Every 6–8 h	3.375 g every 6 h <sup>d</sup>
Ticarcillin-clavulanate <sup>c</sup>	200–300 mg/kg/day of ticarcillin component	Every 4–6 h	3.1 g every 6 h
Tigecycline	--	--	100 mg initial dose, then 50 mg every 12 h
Tobramycin <sup>b</sup>	3.0–7.5 mg/kg/day	Every 8–24 h	5–7 mg/kg <sup>e</sup> every 24 h <sup>f</sup>
Vancomycin <sup>b</sup>	40 mg/kg/day as 1 h infusion	Every 6–8 h	15–20 mg/kg <sup>g</sup> every 8–12 h <sup>f</sup>

<sup>a</sup>Dosages are based on normal renal and hepatic function. Pediatric doses in mg/kg should be based on weight.

<sup>b</sup>Antibiotic serum concentrations and renal function should be monitored.

<sup>c</sup>β-Lactam antibiotic dosages should be maximized if undrained intra-abdominal abscesses may be present.

<sup>d</sup>For *Pseudomonas aeruginosa* infection, dosage may be increased to 3.375 g every 4 h or 4.5 g every 6 h.

<sup>e</sup>Initial dosage regimens for aminoglycosides should be based on adjusted body weight.

<sup>f</sup>Serum drug-concentration monitoring should be considered for dosage individualization.

<sup>g</sup>Initial dosage regimens for vancomycin should be based on total body weight.



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