

**Table 13. Recommended Dosages for Oral and Parenteral Cephalosporins**

Agent	Route	Adult Dose and Interval	Pediatric Dose and Interval
<b>First-generation</b>			
Cephalexin	PO	0.25-1 g q6-12h	50-100 mg/kg/d, q6-8h
Cefadroxil	PO	0.5-1 g q12-24h	30 mg/kg/d, q12-24h
Cephadrine	PO	0.5-1 g q6-12h	75-100 mg/kg/d, q6-12h
Cefazolin	IV/IM	1-2 g q8h	50-100 mg/kg/d, q6-8h
<b>Second-generation</b>			
Cefaclor	PO	250-500 mg q8h	20-40 mg/kg/d, q8h
Cefprozil	PO	250-500 mg q12-24h	15-30 mg/kg/d, q12h
Loracarbef	PO	200-400 q12h	15-30 mg/kg/d, q12h
Cefuroxime	PO	250-500 mg q12h	30 mg/kg/d, q12h
	IV/IM	0.75-1.5 g q8h	50-100 mg/kg/d, q6-8h
Cefamandole	IV/IM	0.5-1 g q4-8h	50-150 mg/kg/d, q4-8h
Cefoxitin	IV/IM	1-2 g q6-8h	80-160 mg/kg/d, q4-6h
Cefotetan	IV/IM	1-2 g q12h	40-60 mg/kg/d, q12h
Cefmetazole	IV	2 g q6-12h	Not recommended
<b>Third-generation</b>			
Cefpodoxime proxetil	PO	100-400 mg q12h	10 mg/kg/d, q12h
Cefditoren pivoxil	PO	200-400 mg q12h	Not recommended
Ceftibuten	PO	400 mg q24h	9 mg/kg/d, q24h
Cefdinir	PO	300-600 mg q12-24h	7-14 mg/kg/d, q12-24h
Cefotaxime	IV/IM	1-2 g q4-8h	100-150 mg/kg/d, q4-6h
Ceftizoxime	IV/IM	1-2 g q8-12h	100-200 mg/kg/d, q6-8h
Ceftriaxone	IV/IM	1-2 g q12-24h	50-100 mg/kg/d, q12-24h
Cefoperazone	IV/IM	1-2 g q12h	100-150 mg/kg/d, q8-12h
Ceftazidime	IV/IM	1-2 g q8h	75-150 mg/kg/d, q8h
<b>Fourth-generation</b>			
Cefepime	IV/IM	1-2 g q8-12h	100-150 mg/kg/d, q8-12h
<b>Advanced-generation</b>			
Ceftaroline	IV	600 mg q12h	Not indicated