

ANTIMICROBIALS

Anthrax: CDC and AAP Preferred Regimens

Adults ^a	Children, 1 month of age and older ^b
Post-exposure prophylaxis.^c Treat for 60 days with:	
Ciprofloxacin 500 mg PO q 12 h OR Doxycycline 100 mg PO q 12 h	Ciprofloxacin 30 mg/kg/day PO divided q 12 h (max 500 mg/dose) OR Doxycycline ^e 4.4 mg/kg/day PO divided q 12 h for wt <45 kg (max 100 mg/dose); 100 mg PO divided q 12 h for wt >45 kg
Cutaneous anthrax without systemic involvement.^{c,d} Treat naturally-acquired disease for 7 to 10 days; treat bioterrorism-related disease for 60 days with:	
Ciprofloxacin 500 mg PO q 12 h OR Doxycycline 100 mg PO q 12 h OR Levofloxacin 750 mg PO q 24 h OR Moxifloxacin 400 mg PO q 24 h	Ciprofloxacin 30 mg/kg/day PO divided q 12 h (max 500 mg/dose)
Systemic anthrax^d without meningitis. Treat for at least 2 weeks and until clinically stable with:^e	
Ciprofloxacin 400 mg IV q 8 h ^c PLUS Clindamycin 900 mg IV q 8 h OR Linezolid ^f 600 mg IV q 12 h	Ciprofloxacin 30 mg/kg/day IV divided q 8 h (max 400 mg/dose) ^c PLUS Clindamycin 40 mg/kg/day IV divided q 8 h (max 900 mg/dose)
Systemic anthrax^d with possible/confirmed meningitis. Treat for 2 to 3 weeks and until clinically stable with:^e	
Ciprofloxacin 400 mg IV q 8 h PLUS Meropenem 2 g IV q 8 h ^c PLUS Linezolid ^f 600 mg IV q 12 h	Ciprofloxacin 30 mg/kg/day IV divided q 8 h (max 400 mg/dose) PLUS Meropenem 120 mg/kg/day divided q 8 h (max 2 g/dose) ^c PLUS Linezolid ^f 30 mg/kg/day divided q 8 h for age less than 12 yo; divide q 12 h for age 12 yo and older (max 600 mg/dose)