

**TABLE 4. Treatment of Infections from Pathogens Likely to be used in Bioterrorism**

Pathogen	Preferred Treatment	Alternative Treatment	Comments
Inhalation <sup>I</sup> Anthrax	Initial (intravenous): Ciprofloxacin 400 mg every 12h OR Doxycycline 100 mg every 12 h AND one or two additional antimicrobials	Immunocompromised individuals: same as non-immunocompromised adults**	IV initially. Switch to oral antimicrobial therapy when appropriate: Ciprofloxacin 500 mg po BID OR Doxycycline 100 mg po BID Continue for 60 days (IV and po combined)
Cutaneous <sup>I</sup> Anthrax	(oral): Ciprofloxacin 500 mg po BID OR Doxycycline 100 mg po BID	Immunocompromised individuals: same as non-immunocompromised adults**	60 Days
Plague <sup>II</sup>	contained casualty setting: Streptomycin 1 g IM twice daily	contained casualty setting: Doxycycline, 100 mg IV twice daily or 200 mg IV once daily Ciprofloxacin, 400 mg IV twice daily Chloramphenicol, 25 mg/kg IV 4 times daily**	For mass casualty and postexposure prophylaxis, see <a href="http://www.bt.cdc.gov/Agent/Plague/Consensus.pdf">www.bt.cdc.gov/Agent/Plague/Consensus.pdf</a>
Tularemia <sup>III</sup>	Streptomycin 15-20 mg/kg/day IM in divided doses x 7-14 days	Gentamicin 2-5 mg/kg/day in divided doses x 7-14 days	Clinical relapse occurs more frequently when tetracycline or chloramphenicol are used (loading dose 30 mg/kg orally, then 30 mg/kg/day orally in divided doses x 14 D)
Small Pox <sup>IV</sup>	There is no proven treatment for smallpox. Patients with smallpox can benefit from supportive therapy (intravenous fluids, medicine to control fever or pain, etc.) and antibiotics for any secondary bacterial infections that occur.		In people exposed to smallpox, the vaccine can lessen the severity of, or even prevent illness if given within 4 days after exposure.

I. *MMWR* 50 (42): 917-919.

II. These guidelines are from a consensus paper. There have not been large published trials of treating plague in humans. <http://www.bt.cdc.gov/Agent/Plague/Consensus.pdf>

III. Mandell GL, Douglas RG, Bennett JE eds. *Principles and Practice of Infectious Diseases*. Churchill Livingstone Inc; New York: 1985.

IV. [http://www.bt.cdc.gov/DocumentsApp/FactsAbout/facts\\_about.pdf](http://www.bt.cdc.gov/DocumentsApp/FactsAbout/facts_about.pdf)

\*For more guidelines, visit the CDC at <http://www.bt.cdc.gov/DocumentsApp/Anthrax/10312001/han51.asp> and <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5043a6.htm>

\*\* For guidelines on pregnant women and children, see *MMWR* 50 (42): 917-919.