

Survival Medicine
Infection Workshop 2014

The following antibiotics are chosen according to availability and cost. Certain stronger antibiotics (such as Avelox) have been omitted due to lack of availability and higher cost.

FIRST-LINE ANTIBIOTICS TO HAVE ON HAND		
Name	Purpose	Adult dose
Amoxicillin	Upper respiratory infection Pneumonia Strep throat & ear infections Dental infections +/- Urinary infections	250-500 mg, 3x daily
Penicillin	Upper respiratory infection Pneumonia Strep throat & ear infections Dental infections	250-500 mg, 4x daily
Trimethoprim-sulfamethoxazole	Urinary infections MRSA infections +/- Upper respiratory infection	800/160, ½ to 1 tab 2x daily
Doxycycline	Upper respiratory infection Tick-borne illnesses Bioterrorism organisms MRSA infections Gonorrhea and chlamydia	100 mg, 2x daily
Cephalexin	Skin infections (non-MRSA) +/- Upper respiratory infection Infected wounds	250-500 mg, 3-4x daily
SECOND-LINE "HEAVY-DUTY" ANTIBIOTICS		
Ciprofloxacin	Urinary tract infections Prostatitis and epididymitis +/- Upper respiratory infection +/- Gonorrhea	250-500 mg, 2x daily
Levofloxacin	Pneumonia Diabetic soft tissue infections Urinary tract infections Intra-abdominal infections	500 mg, 1x daily

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Amoxicillin-clavulanate	Pneumonia Resistant respiratory infections Diabetic soft tissue infections Urinary tract infections Intra-abdominal infections Infected dog & cat bites	875/125 mg, 2-3x daily
Cefdinir	Pneumonia Resistant respiratory infections Soft tissue infections Urinary tract infections +/- Intra-abdominal infections	300 mg, 2x daily
Azithromycin	Upper respiratory infection Pneumonia Strep throat & ear infections Gonorrhea and chlamydia Alternative for penicillin-allergic patients	250-500 mg, 1x daily
Clarithromycin	Alternative for penicillin-allergic patients Upper respiratory infection Pneumonia Strep throat & ear infections Alternative for penicillin-allergic patients	250-500 mg, 2x daily
Clindamycin	Alternative for penicillin-allergic patients Respiratory & dental infections	150 mg, 2-4x daily
Metronidazole	<i>Trichomonas</i> urethritis & vaginitis Intra-abdominal infections <i>C. difficile</i> infection	250-500 mg, 3-4x daily
ORAL ANTIFUNGAL MEDICATION		
Fluconazole	Yeast infections Fungal infections	100 mg, 1-2 tabs, 1x daily
Ketoconazole	NOT RECOMMENDED Risk of liver damage	

Amoxicillin-clavulanate is best taken with food to prevent diarrhea or GI upset.

Metronidazole is best taken with food to aid absorption.

Ciprofloxacin, levofloxacin, and doxycycline are best taken on an empty stomach to aid absorption.