

Antibiotics

Name	Brand Names	Class	Introduced	Bacteri-ostatic *	Bacteri-oidal **	Intracellular Penetration	CNS Penetration	Half-Life ***	TBD applications	Adverse Effects	Admin-istration ****	Cost	Notes
Acyclovir	Zovirax	Anti-viral						2.5 hours	viral co-infection		O	\$	
Amoxicillin	Amoxil	Penicillin			yes	good	variable		Bb		O, IM, IV	\$	inflammation assists
Amoxicillin + Clavulnate	Augmentin	Penicillin			yes	good	poor		Bb		O	\$\$\$	inflammation assists
Ampicillin		Penicillin	1959		yes				Bb		O, IM, IV	\$	inflammation assists
Atovaquone	Malarone, Mepro	hydroxynaphthoquinone	1944					2-3 days	Babesia	many abx interactions	O	\$	
Azithromycin	Zithromax	Macrolide	1991	yes		Very good	Brain good; CFS poor	2-4 days	Bb, mycoplasma		O, IV	\$\$\$	
Cefdinir	Omnicef	Cephalosporin 3	1998		yes	good	poor	1.7 hours	Bb		O	\$\$\$	
Cefotaxime	Clafaran	Cephalosporin 3			yes	good	poor	1 hour	Bb, esp neurological		IM, IV	\$\$\$	
Cefixime	Suprax	Cephalosporin 3	1989		yes	good	poor	3-4 hours	Bb		O	\$\$\$	Discontinued 2002
Ceftriaxone	Rocephin	Cephalosporin 3			yes	good	CSF fair	7 hours	Bb, esp neurological		IM, IV	\$\$\$	
Cefuroxime	Ceftin	Cephalosporin 2			yes	good		1 hour	Bb		O, IM, IV	\$\$\$	
Cholestyramine	Questran	Binding resin							neurotoxin elimination		O	\$	
Ciprofloxacin	Cipro	Fluoroquinolone 2			yes			4 hours	Bartonella		O, IV	\$\$\$	
Clarithromycin	Biaxin	Macrolide		yes	yes for G+	good	fair	3-7 hours	Bb		O	\$\$\$	
Clindamycin	Cleocin	Macrolide							Bb		O		
Dirithromycin	Dynabac	Macrolide		yes	yes		fair		Bb				
Doxycycline	Doxycycline	Tetracycline	1980+/-	yes			fair	16-20 hours	Bb, Ehrlichia	Photosensitivity	O, IV	\$	
Doxycycline (time release)	Doryx	Tetracycline		yes			fair		Bb, Ehrlichia	Photosensitivity	O	\$\$\$	
Enoxacin	Penetrex												
Erythromycin		Macrolide		yes			fair		Bb		O, IV (rare)	\$	
Fluconazole	Diffucan	anti-fungal							fungal infection		O	\$\$\$	
Ganciclovir	Cytovene	Anti-viral							viral co-infection		O	\$\$\$	
Gatifloxacin	Tequin	Fluoroquinolone			yes			7-14 hours	Bartonella		O, IV	\$\$\$	
Gentamicin		Aminoglycoside			yes						O, IV	\$	ear, kidney damage possible
Hydroxychloroquine	Plaquenil	Quinine						30-50 days	Bb adjunct	Ophthalmological	O	\$\$	RA, Lupus
Ketoconazole	Nizoral	imidazole	1981			good	poor	3-10 hours	antifungal	liver toxicity	O	\$\$	
Imipenem		Beta-lactam									IV		
Levofloxacin	Levaquin	Fluoroquinolone			yes				Bartonella		O, IV	\$\$\$	
Lomefloxacin					yes				Bartonella				
Meropenem	Merrem												
Metronidazole	Flagyl	Nitroimidazole				good	excellent		Bb, Babesia		O	\$	
Minocycline	Minocycline	Tetracycline	1975+/-	yes			fair	15-20 hours	Bb		O, IV	\$	inhibits protein synthesis
Moxifloxacin	Avelox	Fluoroquinolone			yes				Bb, Bartonella			\$\$\$	
Norfloxacin													
	Nystatin	anti-fungal							fungal infection			\$	
Ofloxacin									Bartonella				
Penicillin G Benzathine	Bicillin	Penicillin			yes	good	variable	14 days	Bb		IM		inflammation assists
Piperacillin	Piperacil	Penicillin			yes	good	variable		Bb				inflammation assists
Praziquantel	Biltricide	anthelmintic					good	1-4 hours			O		
Rifadin	Rifampin				yes	good	good		Bartonella (others?)		O, IV		
Rifapentine					yes	good	good		Bb, perhaps others	Hepatitis	O, IV		
Rimantadine									Bb, perhaps others				
Sparfloxacin	Zagam				yes				Bartonella				
Telithromycin	Ketek	Ketolide	2004		yes	good		10 hours		liver toxicity	O (IV?)	\$\$	with or w/o food
Tetracycline	Tetracycline	Tetracycline		yes			fair	8 hours	Bb, Ehrlichia	Photosensitivity	O, IV	\$	
Streptomycin		Aminoglycoside											
Tinidazole		Nitroimidazole						12-14 hours	Bb, perhaps others		O	\$	
Trimethoprim-sulfamethoxazole	TMP-SMX												
Trovofloxacin													
Vancomycin		Glycopeptide			yes				Bartonella				

* stops growth
** kills bacteria

*** Half-life is the time required for half of the antibiotic to be eliminated from the body

**** O = Oral
IM = Intramuscular
IV = Intravenous

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NOTE: This information should not be used as a substitute for medical advice from your doctor or pharmacist. They are the experts on these medications.
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