

Classification of Antibacterials and Representative Drugs

Class	Subclass	Representative Drug
Penicillin	Natural penicillins	Penicillin G
Cephalosporins	First generation	Cefazolin
	Second generation	Cefuroxime
	Third generation	Ceftriaxone
	Fourth generation	Cefepime
	Fifth generation	Ceftobiprole
Other Beta-lactams	Beta-lactam/Beta-lactamase inhibitor	Piperacillin/tazobactam
	Monobactams	Aztreonam
	Carbapenems	Imipenem
Fluoroquinolones	Antipseudomonal	Ciprofloxacin
	Antistreptococcal	Moxifloxacin
Miscellaneous	Macrolides	Azithromycin
	Lincosamines	Clindamycin
	Aminoglycosides	Gentamicin
	Sulfa Drugs	Trimethoprim/sulfamethoxazole
	Glycopeptides	Vancomycin
	Nitroimidazoles	Metronidazole
	Oxazolidinone	Linezolid
	Cyclic lipopeptide	Daptomycin
	Polymyxin	Colistin sulfate

Classification of Antivirals and Representative Drugs

Class	Subclass	Representative drug(s)
Drugs for Herpesviridae	For herpes simplex	acyclovir
	For cytomegalovirus	ganciclovir
Drugs for influenza	For influenza A and B	Ribavirin
Miscellaneous	For respiratory syncytial virus	Ribavirin
Antiretrovirals (drugs for HIV)	Nucleoside reverse transcriptase inhibitors	Emtricitabine
	Nonnucleoside reverse transcriptase inhibitors	Efavirenz
	Protease inhibitor	Atazanavir
	Fusion inhibitor	Enfuvirtide
	Entry inhibitor	Maraviroc
	Integrase inhibitor	Raltegravir

Classification of Antifungals and Representative Drugs

Class	Subclass	Representative Drug(s)
Polyenes	Nonlipid formulations	Amphotericin B
	Lipid formulations	Amphotec, Abelcet, and Ambisome
Azoles	Triazole	Fluconazole and voriconazole
Other	Echinocandin	Caspofungin
	Nucleoside analogue	Flucytosine

Source: APIC Text of Infection Control and Epidemiology, 4th ed. 2014 page 26-4