





# Aminoglycosides, Macrolides, Quinolones & Other Antibiotics

			AMINO-GLYCOSIDES				MACRO-LIDES			QUINO-LONES			OTHER ANTIBIOTICS					UTI AGENTS										
			AMIKACIN	GENTAMICIN	NETILMICIN	STREPTOMYCIN	TOBRAMYCIN	AZITHROMYCIN	CLARITHROMYCIN	ERYTHROMYCIN	CIPROFLOXACIN <sup>cp</sup>	ENOXACIN <sup>ep</sup>	LOMEFLOXACIN <sup>ep</sup>	NORFLOXACIN <sup>ep</sup>	OFLOXACIN <sup>ep</sup>	CHLORAMPHENICOL	CLINDAMYCIN	METRONIDAZOLE	RIFAMPIN <sup>r</sup>	SULFONAMIDES	TETRACYCLINES <sup>tt</sup>	TRIMETHOPRIM-SULFAMETHOXAZOLE	VANCOMYCIN	INDANYL CARBENICILLIN	NITROFURANTOIN			
GRAM-POSITIVE AEROBES	Cocci	Staphylococcus aureus: non-penicillinase-producing	3				3	2	2	2	2	2	U	2	2	2	2	2	2	3	2	2	2	U	U			
		Staphylococcus aureus: penicillinase-producing <i>MSSA</i>	3				3	2	2	2	2	2	U	2	2	2	2	2	2	2	3	2	2					
		Staphylococcus aureus: methicillin-resistant <sup>a</sup> <i>MSSA</i>	2								3	3	U	3					2			2	1					
		Staphylococcus epidermidis: non-penicillinase-producing	3				3				2	U	2	U	2	2	2	2	2	2			2	2				
		Staphylococcus epidermidis: penicillinase-producing	2								2	U	2	U	2	2	2	2	2	2			2	2				
		Staphylococcus epidermidis: methicillin-resistant <sup>a</sup>	2								3	3	U	3					2				2	1				
		Streptococcus group A (S. pyogenes)						2	2	2	3	3	3	3	3	2	2							2				
		Streptococcus group B						2	2	2	3	3	U	3		2						2		2	U	U		
		Streptococcus group D: enterococcal (eg, E. faecalis <sup>b</sup> )	3	1	2	2							U				3	3						2	U	U		
		Streptococcus group D: nonenterococcal (eg, S. bovis)	3	3		3	3					3	3	U	3									2	U	U		
Streptococcus pneumoniae						2	2	2	3	3	3	3	3	2	2					2	2	2						
Streptococcus viridans						2	2	2	3	3	3	3	3	3	3					2	2	2						
GRAM-POSITIVE AEROBES	Bacilli	Bacillus anthracis						2	2								3				2							
		Corynebacterium diphtheriae <sup>c</sup>							1									3		3								
		Corynebacterium jeikeium	2	2	2	2	2				3	3			3									1				
		Listeria monocytogenes <sup>d</sup>	2	2	2	2	2	2	2	2						2						2	2					
GRAM-NEGATIVE AEROBES	Cocci	Moraxella (Branhamella) catarrhalis					2	2	2	1	2	1									2	1						
		Neisseria gonorrhoeae <sup>e</sup>					2	2	3	2	U	2	U	2	2					3	3	2						
		Neisseria meningitidis									2	2	2	2	2	2												
	GRAM-NEGATIVE AEROBES	Enteric bacilli	Citrobacter sp. <sup>f</sup>	1	1	1	1				1	3	U	1								2		U	U	U		
			Enterobacter sp. <sup>g</sup>	1	1	1	1					1	U	1	U	1						U	2		U	U	U	
			Escherichia coli	2	2	2	2					1	U	1	G	1							U	3	2	U	U	U
			Klebsiella pneumoniae	2	2	2	2					1	U	1	U	1							U	2		U	U	
			Morganella morganii	2	2	2	2					1	1	U	1								U	3	2	U	U	
			Proteus mirabilis	2	2	2	2					1	U	1	U	1							U	2	1	U	U	
			Proteus vulgaris	2	2	2	2					1	1	U	1								U	2	1	U	U	
			Providencia stuartii	1	2	2	2					1	3	U	1									1		U		
			Salmonella sp.		3	3	3					2	2	G	2	2						2	1		U	U	U	
			Salmonella typhi		3	3	3					1	1	1	1	1							2		U	U	U	
			Serratia sp.	1	1	1	2					1	1	U	1									2		U		
			Shigella sp.		3	3						1	1	G	1	2						2	2	1		U		
			Yersinia enterocolitica	2	2	2	2					1	2	G	1								2	1		U		
			GRAM-NEGATIVE AEROBES	Other bacilli	Acinetobacter sp.	1	1	2	1				2	3	2												U	
					Aeromonas hydrophila	1	1	2	2					1	1	G	1	2							2	1		
					Bordetella pertussis					2	2	1													3	2		
					Brucella sp. <sup>h</sup>		2	1						1	1	1	1	1					1	1	1	2		
Campylobacter jejuni	2	2			2	2	2	2	1	1	1	G	1	2	2							2						
Francisella tularensis <sup>h</sup>	1	1			1	1	1									2						2						
Gardnerella vaginalis											2	3	2		2	2	1											
Hemophilus ducreyi	2	2			2	2	2	2	1	1	1	1	1								2	2	1					
Hemophilus influenzae <sup>i</sup>							2	2	1	1	1	1	2							3		2	1					
Legionella pneumophila							2	2	1	2	2	2	2							2								
Pasteurella multocida							2	2	3	2	2	2	2	2	2					2	2							
Pseudomonas aeruginosa <sup>j</sup>	1	1			1	1					1	U	3	U	2										U			
Pseudomonas cepacia	2	2			2	2					3	3	U	3	2								1					
Pseudomonas (Xanthomonas) maltophilia	2	2	2	2					2	3	2	2									1							
Vibrio cholerae									2	2	2									1	2							
ANAEROBES	Gram +	Clostridium difficile <sup>k</sup>	2				1	1	2				2					3					1					
		Clostridium perfringens					3	3	3							2	2	2			3							
		Clostridium tetani					3	3	3							2	2	2			2							
		Peptococcus sp.					3	3	3							2	2	3			2							
	Gram -	Peptostreptococcus sp.					3	3	3							2	2	3			2							
		Bacteroides fragilis														2	2	1			3							
		Bacteroides sp. <sup>l</sup>														2	2	1			3							
Fusobacterium sp.														2	2	1			2									
Acid-fast	Mycobacterium avium-intracellulare <sup>m</sup>	2				1	1	2				2						3										
	Mycobacterium tuberculosis <sup>m</sup>	3	3	2					3	3	3																	
Actinomycetes	Actinomyces israelii			2											3	3				2								
	Nocardia sp.	2	2	2	2			2												1	2	1						
Chlamydia	Chlamydia psittaci <sup>n</sup>					2									2						1							
	Chlamydia pneumoniae (TWAR) <sup>n</sup>					2	2	2													1							
	Chlamydia trachomatis <sup>n</sup>					1	2	1	3	3	2								3	1								
Mycoplasma	Mycoplasma pneumoniae <sup>n</sup>					2	2	1	3	3	3										1							
	Ureaplasma urealyticum <sup>n</sup>					2	2	1	3	3	U	3									2							
Rickettsia	Rickettsia sp.							3				3	2							1								
Spirochetes	Borrelia burgdorferi (Lyme disease)					2	2														1							
	Borrelia recurrentis						1								2						1							
	Leptospira sp.																				2							
	Treponema pallidum					3	3	3													2							

## ANTIBIOTIC GENERIC / BRAND NAMES

Amoxicillin (Amoxil) – PO

Amoxicillin / Clavulanate (Augmentin) - PO

Ampicillin / Sulbactam (Unasyn) – IV

Piperacillin / Tazobactam (Zosyn) – IV

Imipenem / Cilastatin (Primaxin) – IV

Meropenem (Merrem) – IV

Ertapenem (Invanz) – IV

Cefazolin (Ancef) – IV

Cephalexin (Keflex) – PO

Cefotetan (Cefotan) – IV

Cefoxitin (Mefoxin) – IV

Cefuroxime (Zinacef) – IV

Cefuroxime Axetil (Ceftin) – PO

Ceftazidime (Fortaz) – IV

Ceftriaxone (Rocephin) – IV

Cefepime (Maxipime) – IV

Gentamicin (Garamycin) – IV

Tobramycin (Nebcin) – IV

Erythromycin (Erythrocin) – IV & PO

Clarithromycin (Biaxin) – PO

Azithromycin (Zithromax, Z-Pak) – IV & PO

Ciprofloxacin (Cipro) – IV & PO

Levofloxacin (Levaquin) – IV & PO

Clindamycin (Cleocin) – IV & PO

Metronidazole (Flagyl) – IV & PO

Trimethoprim / Sulfamethoxazole (Bactrim, Septra) – IV & PO

Vancomycin (Vancocin) – IV & PO (oral → C. diff)

## **ANTIVIRALS**

Acyclovir (Zovirax) – IV & PO

Oseltamivir (Tamiflu) - PO