

Antibiotic susceptibilities

[illegible]

Antibiotic Summary

Aminoglycosides	Gentamycin	Gram (-)	Inhibit Protein Synthesis (30s)	Bacteremia, Abdominal Infections
Cephalosporins	Ceftriaxone Cefepime	Gram (+/?)	Inhibit Cell Wall Synthesis	Skin, Urinary, Infections
Tetracyclines	Tetracycline Doxycycline	Gram (+/?)	Inhibit Protein Synthesis (30s)	Lyme Disease, PID, STIs
Penicillins	Ampicillin Amoxicillin	Gram (+/?)	Inhibit Cell Wall Synthesis	ENT, Skin, Urinary Infections
Sulfonamides	Sulfasalazine Sulfamethoxazole	Gram (+/?)	Inhibit Folate Synthesis	UTIs, Burns, Eye Infections
Fluoroquinolones	Ciprofloxacin Levofloxacin	Gram (+/?)	Inhibit DNA Replication	Respiratory & Urinary Infections
Macrolides	Azithromycin Clarithromycin	Gram (+)	Inhibit Protein Synthesis (50s)	Pneumonia, Sinus, ENT, Skin
Carbapenems	Meropenem Ertapenem	Gram (+/?)	Inhibit Cell Wall Synthesis	Urinary, Abdom. Infections
Lincosamides	Clindamycin	Gram (+)	Inhibit Protein Synthesis (50s)	Skin, Bone, Lung Infections
Glycopeptides	Vancomycin	Gram (+)	Inhibit Cell Wall Synthesis	MRSA, Skin, Endocarditis

Gram Positive Bacteria

Gram Positive			
Aerobes		Anaerobes	
Cocci	Bacilli	Cocci	Bacilli
<i>Staphylococcus</i> spp.	<i>Corynebacterium</i> spp.	<i>Peptococcus</i> spp.	<i>Clostridium</i> spp.
<i>Streptococcus</i> spp.	<i>Bacillus</i> spp.	<i>Peptostreptococcus</i> spp.	
<i>Enterococcus</i> spp.	<i>Listeria</i> spp.		
	<i>Nocardia</i> spp. <i>Lactobacillus</i> spp. <i>Erysipelothrix</i> spp.		<i>Actinomyces</i> spp.

Gram Negative Bacteria

Gram Negative			
Aerobes		Anaerobes	
Cocci	Bacilli	Cocci	Bacilli
<i>Neisseria</i> spp.	Enterobacteriaceae <i>Pseudomonas</i> spp. <i>Brucella</i> spp. <i>Bordetella</i> spp. <i>Fran西斯ella</i> spp. <i>Legionella</i> spp. <i>Chlamydia</i> spp. <i>Bartonella</i> spp.	<i>Veillonella</i> spp.	<i>Bacteroides</i> spp. <i>Fusobacterium</i> spp. <i>Prevotella</i> spp.
Coccobacilli			
<i>Moraxella</i> spp.			
<i>Haemophilus</i> spp.			

Common bacterial infections

	Cause	Disease
Growth-positive	<i>Staphylococcus</i>	Impetigo, head poisoning, endocarditis, abscesses, nose, throat, earlobe
	<i>Streptococcus</i>	Fasciitis, pharyngitis, meningitis, scarlet fever
	<i>Enterococcus</i>	Enteritis
	<i>Listeria</i>	Food poisoning
	<i>Shigella</i>	Dysentery
	<i>Clostridium</i>	Botulism
	<i>Corynebacterium</i>	Scarlet fever, diphtheria, gas gangrene
	<i>Haemophilus</i>	Diphtheria
	<i>Mycobacterium</i>	Leprosy, tuberculosis
	<i>Brucella</i>	Brucellosis
	<i>Mycoplasma</i>	Pneumonia, urethritis
	<i>Rickettsia</i>	Rocky Mountain spotted fever
Growth-negative	<i>Neisseria</i>	Neisseria meningitidis
	<i>Haemophilus</i>	Haemophilus influenzae
	<i>Moraxella</i>	Dacryocystitis
	<i>Brucella</i>	Brucellosis
	<i>Legionella</i>	Legionnaires' disease
	<i>Chlamydia</i>	Infection of throat
	<i>Chlamydia</i>	Chlamydia
	<i>Campylobacter</i>	Campylobacteriosis
	<i>Yersinia</i>	Pseudotuberculosis
	<i>Haemophilus</i>	Brucellosis, pneumonia
		<i>Nocardia</i>

