ANTIBIOTIC SENSITIVITY CHART

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Bacteria	Gram Positive Cocci						Gram Negative Bacilli					Gram Negative Coccobacilli		Anaerobes			Atypicals		
	Streptococci		Staphylococci																
	Streptococci (pneumoniae/ pyogenes/ viridans)	Enterococci (Group D strep)	Staph epidermidis (coagulase negative)	Staph aureus Methicillin sensitive	Community acquired Methicillin resistant	Hospital acquired Methicillin resistant	Non-beta-lactamase producing Escherichia coli, Klebsiella pneumoniae, Haemophilus influenzae	Beta-lactamase producing Escherichia coli, Klebsiella pneumoniae, Haemophilus influenzae	SPACE Serratia marcescens, Proteus mirabilis, Acinetobacter sp., Citrobacter sp., Enterobacter sp.	ESBL (Extended spectrum beta-lactamase producing) Escherichia coli, Klebsiella pneumoniae	Pseudomonas aeruginosa	Neisseria meningitidis	Neisseria gonorrhea	Above the diaphragm (Peptostreptococcus)	Below the diaphragm (Bacteroides sp)	Clostridium difficile	Mycoplasma pneumoniae, Chlamydophilia spp	Legionella pneumophilia	Chlamydia trachomatis
Location	Brain, oral, respiratory tract, heart, skin	Intraabdominal, urinary tract	Skin, prosthetics	Oral, respiratory tract, heart, skin, bones/joint			Brain, respiratory tract, intraabdominal, urinary tract					Brain	Pelvic inflammatory disease/STI	Oral, respiratory tract	Intraabdominal, pelvic inflammatory disease	Intraabdominal	Respiratory tract		Pelvic inflammatory disease/STI
Penicillins	Pencillin V/G											Pencillin G-IV		Pencillin V/G					
	Amoxicillin/ampicillin						Amoxicillin/ampicillin					Ampicillin-IV		Amoxicillin/ampicillin					
			Cloxacillin																
	Amoxicillin-clavulanate			Amoxicillin-clavulanate			Amoxicillin-clavulanate							Amoxicillin-clavulanate					
	Piperacillin-tazobactam			Piperacillin-tazobactam			Piperacillin-tazobactam							Piperacillin-tazobactam					
Cephalosporins	Cefazolin/cephalexin			Cefazolin/cephalexin			Cefazolin/cephalexin							Cefazolin/cephalexin					
	Cefuroxime			Cefuroxime			Cefuroxime							Cefuroxime					
	Cefoxitin/cefotetan			Cefoxitin/cefotetan			Cefoxitin/cefotetan							Cefoxitin/cefotetan					
	Ceftriaxone/cefotaxime			Ceftriaxone/cefotaxime			Ceftriaxone/cefotaxime					Ceftriaxone/cefotaxime							
	Cefixime						Cefixime						Cefixime						
							Ceftazidime				Ceftazidime								
	Cefipime			Cefipime			Cefipime				Cefipime			Cefipime					
Carbapenems	Meropenem/imipenem			Meropenem/imipenem			Meropenem/imipenem							Meropenem/imipenem					
	Ertapenem			Ertapenem			Ertapenem							Ertapenem					
Macrolides	Erythromycin			Erythromycin													Erythromycin		
	Clarithromycin/azithromycin			Clarithromycin/azithromycin			Clarithromycin/azithromycin JUST H.flu						JUST azithromycin				Clarithromycin/azithromycin		JUST azithromycin
Tetracyclines	Tetracycline/doxycycline			Tetracycline/doxycycline			Tetracycline/doxycycline JUST H.flu							Tetracycline/doxycycline			Tetracycline/doxycycline		
	Tigecycline													Tigecycline			Tigecycline		
Fluoroquinolones							Ciprofloxacin/norfloxacin BUT JUST bladder infections for norfloxacin											Ciprofloxacin	
	Levofloxacin/moxifloxacin						Levofloxacin/moxifloxacin							Levofloxacin/moxifloxacin	JUST Moxifloxacin		Levofloxacin/moxifloxacin		
Aminoglycosides/polymyxin							Gentamicin/tobramycin/amikacin/colistin												
Lincosamides	Clindamycin		Clindamycin											Clindamycin					
Glycopeptides/oxazolidinones	Vancomycin/linezolid/daptomycin													Vancomycin/linezolid/ daptomycin		Vancomycin oral			
Trimethoprim-Sulfamethoxazole				Trimethoprim-sulfamethoxazole			Trimethoprim-sulfamethoxazole												
Chloramphenicol	Chloramphenicol						Chloramphenicol					Chloramphenicol							
Metronidazole														Metronidazole					
Nitrofurantoin/fosfomycin (JUST BLADDER INFECTIONS)		Nitrofurantoin/fosfomycin JUST E.faecalis					Nitrofurantoin/fosfomycin			Nitrofurantoin/fosfomycin									
Rifampin			Rifampin									Rifampin							
Fidaxomicin																Fidaxomicin			

Cloxacillin and clindamycin typically have less than 40% activity for S.epidermidis, thus usage depends on local susceptibility data
Enterococci has two main species - Enterococcus faecalis and Enterococcus faecium - the antibiotics listed work well for E.faecalis, but have limited activity for E.faecium
Cephalosporins have in-vitro activity for SPACE organisms but induce production of beta-lactamases
†Tigecycline has no activity for Pseudomonas aeruginosa, but for Acinetobacter it depends on local susceptibility data; Tigecycline has activity for SPACE organisms, but for Proteus spp it depends on local susceptibility data

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