## **ANTIBIOTIC SENSITIVITY CHART**

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Bacteria	Gram Positive Cocci					Gram Negative Bacilli			Gram Neg	Gram Negative Coccobacilli		erobes	Atypicals
	Streptococci			Staphylococci									
	Streptococci (pneumoniae/ pyogenes/ viridans)	Enterococci (Group D strep)	Staph epidermidis (coagulase negative)	Staph aureus Methicillin sensitive	Community Hospital acquired Methicillin resistant resistant	Non-beta-lactamase producing Escherichia coli, Klebsiella pneumoniae, Haemophilus influenzae	Beta-lactamase producing Escherichia coli, Klebsiella pneumoniae, Haemophilus influenzae  SPACE Serratia marcesce Proteus mirabilis Acinetobacter sp. Citrobacter sp., Enterobacter sp.	p.,  Escherichia coli,  Volchsiella programoniae	eudomonas neruginosa Neisseria meningitidis	Neisseria gonorrhea	Above the diaphragm (Peptostreptococcus)	Below the diaphragm (Bacteroides sp)	
Location	Brain, oral, respiratory tract, heart, skin  Intraabdominal, urinary tract  Skin, prostl		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 Intraabdom	ninal Respiratory tract Pelvic inflammator disease/STI
	Pencil	lin V/G							Pencillin G-IV		Pencillin V/G		
	Amoxicillin/ampicillin					Amoxicillin/ampicillin			Ampicillin-IV		Amoxicillin/ampicillin		
Penicillins		•		Cloxacillin					•				
	Amoxicillin-clavulanate			Amoxicillin-clavulanate		Amoxicillin-clavulanate					Amoxicillin-clavulanate		
	Piperacillin-tazobactam			Piperacillin-tazobactam		Piperacillin-tazobactam Pipera					Piperacillin-tazobac	tam	
	Cefazolin/cephalexin			Cefazolin/cephalexin		Cefazolin/cephalexin					Cefazolin/cephalexin		
	Cefuroxime			Cefuroxime		Cefuroxin	Cefuroxime				Cefuroxime		
	Cefoxitin/cefotetan			Cefoxitin/cefotetan			Cefoxitin/cefotetan				Cefoxitin/cefoteta	n	
Cephalosporins	Ceftriaxone/cefotaxime			Ceftriaxone/cefotaxime		Ceft	Ceftriaxone/cefotaxime			Ceftriaxone/cefotaxime			
	Cefixime						Cefixime			Cefixime			
							Ceftazidime		Ceftazidime				
	Cefipime			Cefipime			Cefipime		Cefipime		Cefipime		
		Meropenem/imipenem		Meropenem/imipenem		Meropenem/imipenem				Meropenem/imipe	nem		
Carbapenems	Ertapenem	Ertapenem				Ertapenem					Ertapenem		
Macrolides  Tetracyclines	Erythromycin			Erythromycin						HICT 'II'			Erythromycin
	Tatua e valina / day ya valina			Tatua a valina /alamana		Tatra avalia a /alayyayalia a UST U fly				JUST azithromycin	Tatus avalius a /al avuvavalius a		Tatra a valina / day ya valina
	Tetracycline/doxycycline			Tetracycline/doxycyc		Tetracycline/doxycycline JUST H.flu					Tetracycline/doxycycline  Tigocycline		Tetracycline/doxycycline  Tigocycline
					Tigecycline  Ciprofloxacin/norfloxacin BUT JUST bladder infections for norfloxacin					Tigecycline		Tigecycline	
Fluoroquinolones  Aminoglycosides/polymyxin	Levofloxacin/moxifloxacin						Levofloxacin/moxifloxacin	I III ECCIOTIS TOI HOTHOXACITI			Levofloxacin/moxifloxacin	JUST Moxifloxacin	Levofloxacin/moxifloxacin
	Le voltoxaetti illoxaetti						Gentamicin/tobramycin/amikacin/colistin				Le vorioxaem moximoxaem	JOST WOMITORGETT	Le vorioxaem i moximoxaem
Lincosamides	Clindamycin			Clindamycin							Clindamycin		
Glycopeptides/oxazolidinones		Vancomycin/linezolid/daptomycin							Vancomycin/linezolid/ daptomycin	Vancomycir	oral		
Trimethoprim-Sulfamethoxazole				Trimethoprim-sulfameth	hoxazole		Trimethoprim-sulfamethoxazole						
Chloramphenicol	Chloramphenicol				Chloramphenicol				Chloramp	henicol			
Metronidazole									nidazole				
Nitrofurantoin/fosfomycin		Nitrofurantoin/fosfomycin											
(JUST BLADDER INFECTIONS)		JUST E.faecalis				Nitrofurantoin/fo	ostomycin	Nitrofurantoin/fosfomycin					
Rifampin				Rifampin					Rifampin				
Fidaxomicin												Fidaxomi	zin
				!							<u> </u>		

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