

2023 Cumulative Antimicrobial Susceptibility Report



INPATIENT DATA

PeaceHealth St. John Medical Center

January 1 - December 31, 2023

Dash (-) = not tested, inappropriate, or < 30 strains tested. R = intrinsically resistant.

GRAM NEGATIVE ORGANISM	PERCENT SUSCEPTIBLE	# Isolates Tested	Beta-lactams									Fluoro-quinolones		Aminoglycosides			Miscellaneous				
			Penicillins			Cephalosporins						Carbapenems		Ciprofloxacin	Levofloxacin	Amikacin	Gentamicin	Tobramycin	Nitrofurantoin - urine only	Tetracycline	Trimethoprim/sulfamethoxazole
			Ampicillin	Amoxicillin/clavulanic acid	Piperacillin/tazobactam	Cefazolin - urine isolates only	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ertapenem	Meropenem									
<i>Enterobacter cloacae</i>	48	R	R	-	-	R	-	-	100	98	100	94	92	100	98	98	-	93	90		
<i>Escherichia coli</i>	961	62	88	97	89	94	94	98	99	100	100	83	80	100	94	95	98	83	81		
<i>Klebsiella oxytoca</i>	37	R	92	95	-	100	95	97	97	100	100	95	95	100	97	97	-	97	95		
<i>Klebsiella pneumoniae</i>	158	R	92	97	87	99	92	95	97	100	100	90	89	100	96	94	39	81	87		
<i>Proteus mirabilis</i>	89	90	93	100	98	96	99	100	100	100	100	83	83	99	93	93	R	R	93		
<i>Pseudomonas aeruginosa</i>	95	R	R	91	-	-	R	94	96	R	100	95	87	99	-	100	-	-	R		

NOTE: Third generation cephalosporins and piperacillin/tazobactam are unreliable for systemic infections with AmpC producing organisms (*E. cloacae*, *K. aerogenes*, or *C. freundii*), regardless of susceptibility data, due to the development of induced resistance on treatment.

Haemophilus influenzae beta lactamase positive: 31.0% (n=29)

Note: It is recommended that susceptibility data only be reported when there are at least 30 clinical isolates in the data set.

This antibiogram was created in compliance with CLSI M39-A4 Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data; Approved Guideline, 4th Edition, January 2014.

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GRAM POSITIVE ORGANISM	# Isolates Tested	Beta lactams					Fluoro- quinolones		Amino- glycosides		Miscellaneous								
		Penicillins/Cephalosporins					Ciprofloxacin	Levofloxacin	Gentamicin Synergy	Streptomycin Synergy	Clindamycin	Daptomycin	Erythromycin	Minocycline	Nitrofurantoin - urine only	Rifampin	Tetracycline	Trimethoprim/sulfamethoxazole	Vancomycin
		Penicillin	Oxacillin	Ampicillin	Cefazolin	Ceftriaxone													
<i>Enterococcus faecalis</i>	159	-	-	100	-	-	-	-	-	-	-	-	-	-	98	-	-	-	100
<i>Staphylococcus aureus</i> , MRSA	178	-	0	-	0	-	-	-	-	84	97	-	100	-	100	79	98	100	
<i>Staphylococcus aureus</i> , MSSA	227	-	100	-	100	-	-	-	-	91	-	-	100	-	-	91	100	-	
<i>Staphylococcus lugdunensis</i>	36	-	100	-	100	-	-	-	-	-	-	-	-	-	-	90	97	100	
<i>Streptococcus agalactiae</i> (Group B)	45	100	-	-	100	100	-	-	-	54	-	47	-	-	-	-	-	100	
<i>Streptococcus anginosus</i>	30	100	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Streptococcus pneumoniae</i>	34	100*	-	-	-	100*	-	100	-	-	-	-	-	-	-	-	-	-	
<i>Streptococcus pyogenes</i> (Group A)	74	100	-	-	100	100	-	-	-	64	-	64	-	-	-	-	-	100	

*Non-meningitis breakpoint

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