

2016 Antimicrobial Susceptibility Report

ALL PATIENT DATA

PeaceHealth St. John Medical Center

Cumulative data from Jan.1 – Dec. 31, 2016

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



peacehealthlabs.org/antibiograms

Gram-Negative (percent susceptible)

	<i>Citrobacter freundii</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Klebsiella oxytoca</i>	<i>Klebsiella pneumoniae</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>
# isolates	62	40	74	2464	62	342	194	202	42
Amoxicillin/Clavulanate	R	R	R	88	95	97	99	-	R
Ampicillin	R	R	R	61	R	R	71	-	R
Cefepime (1)	94	100	99	73	100	74	82	98	95
Cefoxitin	R	R	R	65	93	76	66	-	R
Ceftazidime (2)	82	90	86	72	100	74	84	96	95
Ceftriaxone	81	89	85	95	98	98	91	-	88
Ciprofloxacin	79	100	100	86	98	98	60	85	95
Ertapenem (3)	100	100	99	100	100	100			98
Gentamicin	87	100	100	95	98	99	84	95	100
Levofloxacin				25			20	68	
Meropenem (3)	100	100	99	100	100	100	100	100	95
Nitrofurantoin (4)	97	14	31	97	90	48	R	-	R
Piperacillin/tazobactam	87	83	89	98	96	97	100	97	-
Tetracycline	73	97	90	82	87	89	R	-	32
Tobramycin	87	100	100	96	98	99	85	100	86
Trimethoprim/ sulfamethoxazole	76	100	93	81	94	96	71	-	100

(1) For *Pseudomonas aeruginosa*, interpretive criteria for cefepime are based on a dosage regimen of 1 gram every 8 hours or 2 grams every 12 hours. (2) For *Pseudomonas aeruginosa*, interpretive criteria for ceftazidime are based on a dosage regimen of 1 gram every 6 hours or 2 grams every 8 hours. (3) For Enterobacteriaceae, the interpretive criteria for ertapenem and meropenem are based on a dosage regimen of 1 gram per day for ertapenem and 1 gram every 8 hours for meropenem. (4) Applicable to urine isolates only. Dash (-) = inappropriate drug or not tested. Blank = <30 isolates tested. R = intrinsically resistant.

Note: Susceptibility data is only reported when 30 or more isolates were tested.

Gram-Positive (percent susceptible)

	<i>Enterococcus species</i>	<i>Enterococcus faecium</i>	MRSA	MSSA	<i>Streptococcus agalactiae</i>	<i>Streptococcus pneumoniae</i>
# isolates	264	44	604	448	43	44
Ampicillin	99	100	-	-	-	-
Cefazolin(1)	-	-	0	98	-	-
Cefotaxime	-	-	-	-	98	100
Ceftriaxone	-	-	-	-	98	100
Ciprofloxacin	66		10	82	-	-
Clindamycin	-	-	67	85	41	90
Erythromycin	-	-	5	61	38	72
Minocycline	22	-	100	100	-	-
Nitrofurantoin (2)	98		100	100	-	-
Oxacillin	-	-	0	98	-	-
Penicillin	-	-	-	-	100	91
Tetracycline	-	-	97	95	-	95
Trimethoprim/sulfamethoxazole	-	-	79	96	-	78
Vancomycin	100	100	100	100	100	100

(1) Deduced from oxacillin result. (2) Applicable to urine isolates only. MRSA = Methicillin-resistant *Staphylococcus aureus*; MSSA = Methicillin-susceptible *Staphylococcus aureus*. Dash (-) = inappropriate drug or not tested; blank = <30 isolates tested.

Note: Susceptibility data is only reported when 30 or more isolates were tested.

%MRSA = 41%