

2016 Antimicrobial Susceptibility Report

ALL PATIENT DATA

PeaceHealth Southwest Medical Center

Cumulative data for PeaceHealth Southwest Medical Center 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>Acinetobacter baumannii</i>	<i>Citrobacter freundii</i>	<i>Citrobacter koseri</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Klebsiella oxytoca</i>	<i>Klebsiella pneumoniae</i>	<i>Morganella morganii</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>	<i>Stenotrophomonas maltophilia</i>
# of isolates	37	85	53	92	148	3670	115	544	47	281	453	59	45
Amoxicillin/Clavulanate	-	R	98	R	R	87	96	95	R	100	-	R	-
Ampicillin	-	R	R	R	R	61	R	R	R	83	-	R	-
Cefepime (1)	58	98		100	95	94	96	95	100	92	97	100	-
Cefoxitin	-	R		R	R	91	98	93	41	76	-	R	-
Ceftazidime (2)	54	78		85	79	94	96	95	89	90	93	100	-
Ceftriaxone	-	76	100	80	78	94	95	95	83	97	-	91	-
Ciprofloxacin	60	94	100	98	99	87	100	96	79	78	87	95	-
Ertapenem (3)	-	100	100	100	96	100	100	100	100	99	-	100	-
Gentamicin	81	93	100	100	98	96	98	96	83	93	93	98	-
Levofloxacin	68				96	84	97	96		66	72	92	79
Meropenem (3)	98	100	100	100	98	100	100	100	100	100	98	100	-
Nitrofurantoin (4)	-	97	94	13	37	97	90	39	R	R	-	R	-
Piperacillin/tazobactam	60	84	100	82	83	98	96	97	98	100	97	-	-
Tetracycline		85	100	99	90	82	93	87	R	R	-	40	-
Tobramycin	87	96	100	100	97	96	98	96	89	95	99	88	-
Trimethoprim/sulfamethoxazole	68	87	98	100	94	82	97	91	68	81	-	98	93

(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 12 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 faecalis</i>	<i>Enterococcus faecium</i>	MRSA	MSSA	<i>Staphylococcus epidermidis</i>	<i>Staphylococcus lugdunensis</i>	<i>Streptococcus agalactiae</i>	<i>Streptococcus pneumoniae</i>
# of isolates	368	64	40	814	1156	96	53	54	92
Ampicillin	95	100	18	-	-	-	-	-	-
Cefazolin(1)	-	-	-	0	99	40	92	-	-
Cefotaxime	-	-	-	-	-	-	-	98	100
Ceftriaxone	-	-	-	-	-	-	-	98	100
Ciprofloxacin	69			12	82				
Clindamycin	-	-	-	74	84	59	83	64	88
Erythromycin	-	-	-	6	67	30	84	55	62
Levofloxacin					95				98
Minocycline	26		-	100	100	100	100	-	-
Nitrofurantoin (2)	95			97	100			-	-
Oxacillin	-	-	-	0	98	37	92	-	-
Penicillin	-	-	-	-	-	-	-	100	75
Tetracycline	-	-	-	97	94	81	100		86
Trimethoprim/sulfamethoxazole	-	-	-	92	97	60	100	-	79
Vancomycin	100	100	48	100	100	100	100	100	100

(1) Deduced from oxacillin results. (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%