

Antimicrobial Susceptibility Report *for* 2014

ALL PATIENT DATA

PeaceHealth Sacred Heart Medical Center at RiverBend

Cumulative data from Jan.1 - Dec. 31, 2014
percent susceptible

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.



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GRAM-NEGATIVE (percent susceptible)

	<i>Acinetobacter baumannii</i>	<i>Citrobacter freundii</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Klebsiella pneumoniae</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>	<i>Stenotrophomonas maltophilia</i>
# isolates	32	42	43	113	700	276	141	193	39	44
Amikacin	-	100	100	100	99	100	100	94	100	-
Amoxicillin/clavulanic acid	-	R	R	R	84	98	100	-	R	-
Ampicillin	-	R	R	R	59	R	67	-	R	-
Cefepime (1)	84	100	98	100	99	100	100	89	100	-
Cefoxitin	-	R	R	R	91	91	94	-	R	-
Ceftazidime (2)	81	-	85	83	97	98	100	92	-	20
Ceftriaxone	-	83	88	78	95	98	98	-	95	-
Ciprofloxacin	91	95	100	98	83	99	75	80	95	-
Ertapenem (3)	-	100	100	98	99	100	100	-	100	-
Gentamicin	91	95	100	97	93	99	86	80	100	-
Imipenem	-	-	-	-	-	-	-	96	-	-
Levofloxacin	91	95	100	98	83	99	77	81	95	84
Meropenem (3)	-	100	100	100	100	99	100	97	100	-
Nitrofurantoin (4)	-	-	-	21	91	26	R	-	R	-
Piperacillin/tazobactam	-	86	85	82	96	97	100	98	-	-
Tetracycline (4)	-	91	100	92	74	85	R	-	-	-
Tobramycin	97	98	100	97	93	99	88	97	100	-
Trimethoprim/sulfamethoxazole	91	85	100	88	78	96	71	-	100	98

(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*, the interpretative 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 interpretative criteria for ertapenem and meropenem are based on a dosage regimen of 1 gram every 8 hours. (4) Applicable to urine isolates only; dash (-) = inappropriate drug or not tested; blank = <30 isolates tested. R = intrinsically resistant. Note: Ertapenem, meropenem and ceftriaxone statistics for 2013 and 2014 affected by lowered breakpoints. Note: Susceptibility data is only reported when 30 or more isolates were tested.

GRAM-POSITIVE (percent susceptible)

	<i>Enterococcus faecalis</i>	<i>Enterococcus faecium</i>	MRSA	MSSA	<i>Staphylococcus epidermidis</i>	<i>Streptococcus pneumoniae</i>	<i>Streptococcus pyogenes</i>
# isolates	424	46	423	561	304	38	56
Ampicillin	99	43	-	-	-	-	100
Cefazolin (1)	-	-	0	100	39	-	-
Cefotaxime	-	-	-	-	-	97	100
Ceftriaxone	-	-	-	-	-	100	100
Clindamycin	-	-	55	88	52	78	79
Erythromycin	-	-	6	73	35	64	77
Gentamicin	-	-	99	99	84	-	-
Levofloxacin	-	-	-	-	-	97	100
Nitrofurantoin (2)	98	-	-	100	100	-	-
Oxacillin	-	-	0	100	39	-	-
Penicillin (3)	-	-	-	-	-	98	100
Tetracycline	-	-	99	97	88	67	80
Trimethoprim/sulfamethoxazole	-	-	99	99	57	69	-
Vancomycin	99	67	100	100	99	100	100

(1) Deduced from oxacillin susceptibility results. (2) Applicable to urine isolates only. (3) *Streptococcus pneumoniae* percent susceptible based on 84 isolates; 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 = 43%.