

Antimicrobial Susceptibility Report *for* 2014

ALL PATIENT DATA

PeaceHealth Ketchikan Medical Center

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.



PeaceHealth
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www.peacehealthlabs.org/antibiograms

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GRAM-NEGATIVE (percent susceptible)

	<i>Escherichia coli</i> (6)	<i>Klebsiella pneumoniae</i> (7)	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>
# isolates	491	78	34	21
Ampicillin	58	R	97	-
Ampicillin/sulbactam	68	95	97	-
Cefepime (1)	96	99	97	95
Ceftazidime (2)	95	99	97	67
Ceftriaxone	95	99	97	-
Ciprofloxacin	86	99	88	76
Ertapenem (3)	100	100	97	-
Gentamicin	96	97	100	86
Imipenem (4)	100	100		48
Levofloxacin	86	99	97	76
Nitrofurantoin (5)	89	35	R	-
Piperacillin/tazobactam	97	99	100	86
Tobramycin	97	99	100	90
Trimethoprim/sulfamethoxazole	83	97	91	-

(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 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 are based on a dosage regimen of 1 gram every 8 hours. (4) For Enterobacteriaceae, the interpretive criteria for imipenem are based on a dosage regimen of 500 mg every 6 hours or 1 gram every 8 hours. (5) Applicable to urine isolates only. (6) ESBL *Escherichia coli* is 4%. (8) ESBL *Klebsiella pneumoniae* is 1%. ESBL = Extended Spectrum Beta-Lactamase. Dash (-) = inappropriate drug or not tested. Blank = less than 30 isolates tested. R = intrinsically resistant. Note: The use of replicate isolates per patient cannot be ruled out in the calculation of this antibiogram. Note: It is recommended that organism susceptibility data only be reported when there are at least 30 clinical isolates from which to obtain data. In some instances, it may be prudent to include a lesser number of clinical isolates as determined by the Microbiology Medical Director.

GRAM-POSITIVE (percent susceptible)

	<i>Enterococcus faecalis</i>	MRSA	MSSA
# isolates	56	103	145
Ampicillin	88	-	-
Cefazolin (1)	-	0	100
Ciprofloxacin	82	44	89
Clindamycin	-	86	92
Erythromycin	11	15	74
Gentamicin Synergy (2)	86	-	-
Levofloxacin	82	44	91
Moxifloxacin		43	92
Nitrofurantoin (3)	100	99	100
Oxacillin	-	0	100
Penicillin	89	-	-
Tetracycline	25	93	97
Trimethoprim/sulfamethoxazole	-	98	100
Vancomycin	98	100	100

(1) Deduced from oxacillin results. (2) Applicable to blood isolates only. (3) Applicable to urine isolates only. MRSA = Methicillin-resistant *S. aureus*. MSSA = Methicillin-susceptible *S. aureus*. Dash (-) = inappropriate drug or not tested. Blank = less than 30 isolates tested. Note: The use of replicate isolates per patient cannot be ruled out in the calculation of this antibiogram. Note: It is recommended that organism susceptibility data only be reported when there are at least 30 clinical isolates from which to obtain data. % MRSA = 42%