

Antimicrobial Susceptibility Report *for* 2014

ALL PATIENT DATA

*PeaceHealth St. Joseph Medical Center,
Whatcom County Physician Offices and Nursing Homes*

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
Laboratories

www.peacehealthlabs.org/antibiograms

800-826-3616

15-LABO-089 | 031215



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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> (6)	ESBL Organisms	<i>Klebsiella oxytoca</i> (6)	<i>Klebsiella pneumoniae</i> (6)	<i>Morganella morganii</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>	<i>Stenotrophomonas maltophilia</i>
# isolates	35	121	90	90	203	6518		128	744	63	357	462	67	51
Ampicillin	-	R	R	R	R	65	-	R	R	R	78	-	R	-
Ampicillin/ sulbactam	83	R	R	R	R	70	-	65	92	R	87	-	R	-
Cefoxitin	-	R	99	R	R	89	-	95	93	-	95	-	R	-
Cefepime (1)	74	100	100	100	100	98	-	98	98	98	99	97	99	-
Ceftazidime (2)	65	83	100	90	87	98	-	98	98	87	99	96	98	40
Ceftriaxone	-	86	100	89	84	98	-	98	98	91	99	-	96	-
Ciprofloxacin	74	90	99	100	97	90	17	96	99	77	89	89	98	-
Ertapenem (3)	-	99	100	99	90	99	99	100	100	98	82	-	100	-
Gentamicin	81	99	100	100	99	95	56	100	99	81	92	97	99	-
Imipenem (4)	90	94	100	61	94	99	100	100	100	41	-	94	100	-
Levofloxacin	74	80	99	100	97	90	18	96	99	73	90	85	100	89
Nitrofurantoin (5)	-	83	30	5	16	91	-	46	22	R	R	-	R	-
Piperacillin/ tazobactam	68	87	100	91	88	98	-	99	98	98	100	98	-	-
Ticarcillin/clavulanate														50
Tobramycin	84	100	100	100	97	96	49	100	99	91	93	99	91	-
Trimethoprim/ sulfamethoxazole	77	84	100	100	96	84	37	96	96	79	81	-	100	96

(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 2.3%. ESBL *Klebsiella oxytoca* is 2.3%. ESBL *Klebsiella pneumoniae* is 2.3%. 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.

GRAM-POSITIVE (percent susceptible)

	<i>Enterococcus faecalis</i>	<i>Enterococcus faecium</i>	MRSA	MSSA	<i>Staphylococcus epidermidis</i>	<i>Staphylococcus hominis</i>	<i>Staphylococcus lugdunensis</i>	<i>Streptococcus agalactiae</i>	<i>Streptococcus pneumoniae</i>
# isolates	691	92	1225	2268	534	82	94	495	80
Ampicillin	99	32	-	-	-	-	-	100	-
Cefazolin (1)	-	-	0	100	52	61	91	-	-
Cefotaxime	-	-	-	-	-	-	-	-	98
Ceftriaxone	-	-	-	-	-	-	-	-	98
Ciprofloxacin	79	16	34	89	64	70	99	-	-
Clindamycin	-	-	75	89	68	63	90	65	-
Erythromycin	13	8	9	69	42	38	90	58	75
Gentamicin Synergy (2)	76	89	-	-	-	-	-	-	-
Levofloxacin	80	16	34	90	64	70	100	99	100
Minocycline	22	31	98	99	100	99	100	-	-
Nitrofurantoin (3)	99	11	100	99	100	90	100	-	-
Oxacillin	-	-	0	100	52	61	91	-	-
Penicillin	99	27	0	-	-	-	-	100	98
Tetracycline	-	-	95	96	86	73	95	15	84
Trimethoprim/ sulfamethoxazole	-	-	96	99	63	67	99	-	84
Vancomycin	99	55	100	100	100	100	100	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. % MRSA = 35%.