

2015 Antimicrobial Susceptibility Report

ALL PATIENT DATA

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

Cumulative data from Jan.1 - Dec. 31, 2015

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

800-826-3616

16-LABO-089 030416

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>
# isolates	33	131	71	113	191	7195	156	932	60	385	497		34
Amoxicillin/ clavulanic acid	-	R	R	R	R	89	94	99	R	100	-	R	-
Ampicillin	-	R	R	R	R	65	R	R	R	74	-	R	-
Cefepime (1)	88	100	100	100	99	99	100	99	93	99	95	100	-
Cefoxitin	-	R	92	R	R	89	95	93	-	95	-	R	-
Ceftazidime (2)	73	85	98	89	87	99	100	99	91	98	97	100	20
Ceftriaxone	-	82	98	89	85	99	96	99	93	98	-	88	-
Ciprofloxacin	96	93	100	100	98	90	96	99	76	88	92	100	-
Ertapenem (3)	-	99	100	100	97	100	100	100	98	91	-	96	-
Gentamicin	96	94	100	100	98	96	99	99	80	91	93	100	-
Levofloxacin	97	93	100	100	99	90	97	99	76	88	88	100	82
Meropenem (3)	96	100	100	100	99	100	100	100	100	100	95	100	-
Nitrofurantoin (4)	-	93	66	10	20	95	73	34	R	R	-	R	-
Piperacillin/ tazobactam	88	85	98	89	89	98	94	98	96	100	96	-	-
Tetracycline		76	97	100	91	83	94	88	R	R	-	35	-
Tobramycin	96	97	100	100	97	97	99	99	96	92	98	100	-
Trimethoprim/ sulfamethoxazole	96	81	100	99	92	84	95	95	72	81	-	100	97

(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 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 = less than 30 isolates tested. R = intrinsic resistance. Note: The use of replicate isolates per patient cannot be ruled out in the calculation of this antibiotic.

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	776	72	1176	2205	607	84	106	195	80
Ampicillin	99	49	-	-	-	-	-	100	-
Cefazolin (1)	-	-	0	100	52	55	93	-	-
Cefotaxime	-	-	-	-	-	-	-	-	100
Ceftriaxone	-	-	-	-	-	-	-	-	100
Ciprofloxacin	82	31	33	89	64	71	99	-	-
Clindamycin	-	-	81	86	67	67	87	61	-
Erythromycin	11	10	11	69	39	44	86	58	69
Gentamicin Synergy (2)	78	99	-	-	-	-	-	-	-
Levofloxacin	83	37	33	90	64	71	100	99	100
Minocycline	21	-	99	99	99	99	100	-	-
Nitrofurantoin (3)	99	13	100	99	99	97	100	-	-
Oxacillin	-	-	0	100	52	55	93	-	-
Penicillin	-	-	-	-	-	-	-	100	98
Tetracycline	-	-	96	96	83	72	96	18	80
Trimethoprim/ sulfamethoxazole	-	-	96	98	64	68	100	-	78
Vancomycin	100	50	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 *Staphylococcus aureus*. MSSA=Methicillin-susceptible *Staphylococcus aureus*. Dash (-) = inappropriate drug or not tested.

Note: The use of replicate isolates per patient cannot be ruled out in the calculation of this antibiotic.

% MRSA = 35%.