Creighton
UNIVERSITY
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601 North 30th Street
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Antibiotic Susceptibility Report

Information Compiled by

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January 1 - December 31, 2006

Creighton University Medical Center Antibiogram

January - December 2006

Data are Percent Susceptible

GRAM POSITIVE	No. of Isolates	Ampicillin	Ceftriaxone[1]	Ceftriaxone[2]	Cefuroxime[3]	Cefuroxime[4]	Clindamycin	Erythromycin	Gentamicin	Levofloxacin	Linezolid[5]	Minocycline	Nitrofurantoin	Oxacillin[6]	Penicillin	Rifampin	Synercid®[5]	Trimeth/Sulfa	Vancomycin
Enterococcus	888	91							77[7]		100		94				16		96
Staphylococcus aureus (MSSA)	1092						92	71		91	100	99		100	19	99	100	98	100
Staphylococcus aureus (MRSA)	1019						57	5		29	99	99		0	0	99	99	99	100
Staphylococcus coagulase negative	175						70	45		44	95	99		37	17	98	100	61	100
Streptococcus pneumoniae	260		74	94	56	57	67	50		98					44				100

"1" Percent susceptible using meningitis MIC breakpoints

"2" Percent susceptible using non-meningitis MIC breakpoints

"3" Percent susceptible for IV form of drug (cefuroxime sodium)

"4" Percent susceptible for oral form of drug (cefuroxime axetil)

"5" Not indicated for urinary tract infections

"6" Oxacillin susceptibility predicts susceptibility to most cephalosporins, carbapenems & ß-lactam/ß-lactamase inhibitor combinations

"7" Gentamicin susceptibility predicts synergistic bactericidal activity when used with a cell wall active agent that is also susceptible

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GRAM NEGATIVE	No. of Isolates	Amikacin	Ampicillin	Amp/Sulbactam	Aztreonam	Cefepime	Cefoxitin	Ceftazidime	Ceftriaxone	Cephalothin	Ciprofloxacin	Ertapenem	Gentamicin	Levofloxacin	Meropenem	Nitrofurantoin	Pip/Tazobactam	Tobramycin	Trimeth/Sulfa
Acinetobacter	66	95		92		89		82			93		92	90	100		86	87	89
Citrobacter	134	100	14	81		99	44		93	37		100	97	98		93	97		91
Enterobacter aerogenes	127	100	10	74		99	14		92	6		100	99	99		52	91		97
Enterobacter cloacae	155	100	5	52		100	12		78	3		96	97	95		52	84		94
Escherichia coli	3306	99	48	81		99	96		99	56		99	90	76		96	98		70
Klebsiella oxytoca	160	98	1	57		100	91		67	50		100	98	62		95	62		96
Klebsiella pneumoniae	528	100	2	91		100	94		99	91		100	99	97		62	97		91
Morganella	32	100	6	62		100	69		100	6		100	100	96		0	100		84
Proteus mirabilis	515	100	87	98		99	99		99	96		100	98	68		1	99		78
Proteus vulgaris	10	100	0	100		100	100		100	0		100	100	100		0	100		100
Providencia	48	80	29	56		100	86		100	18		100	60	12		0	100		27
Pseudomonas aeruginosa	568	98			81	94		93			72		85	67	93		92	86	
Salmonella	7						**********	INSUFFICIENT ISOLATES	**********										
Serratia	111	100	3	12		100	53		94	3		100	100	97		10	92		91
Shigella	7						**********	INSUFFICIENT ISOLATES	**********										
Haemophilus influenzae	215	32% beta-lactamase positive																	
Neisseria gonorrhoeae	2	0% beta-lactamase positive																	