


 **HealthCentral Hospital Antibigram 2010**

BACTERIAL ISOLATE TYPE	# Isolates	Amikacin	Ampicillin	Ampicillin/sulbactam	Aztreonam	Cefazolin	Cefepime	Ceftriaxone	Ceftazidime	Ciprofloxacin	ESBL Positive	Ertapenem	Gentamicin	Imipenem	Levofloxacin	Meropenem	Minozocline	Moxifloxacin	Nitrofurantoin	Piperacillin/tazobactam	Ticarcillin/clavulanic acid	Tigecycline	Tobramycin	Trimethoprim/sulfamethox
<b>Gram-negative</b>																								
<i>Escherichia coli</i>	1509	100	47	61	94	89	95	93		71	6	100	91	100	100			71	94	93		100	92	69
<i>Klebsiella pneumoniae</i>	365	95	0	78	85	81	85	85		84	14	97	92	98	98			82	33	87		92	90	81
<i>Klebsiella oxytoca</i>	15	100	0	87	93	80	93	93		93	7	100	93	100	100			100	80	100		93	93	100
<i>Enterobacter aerogenes</i>	43	100	2	2	86	0	98	86		98		98	100	98	98			95	12	81		93	100	98
<i>Enterobacter cloacae</i>	73	100	5	5	84	1	99	86		93		97	95	100	100			95	35	89		99	92	93
<i>Serratia marcescens</i>	49	100	0	0	88	0	98	96		88		96	88	98	100			84	0	98		82	88	90
<i>Salmonella spp</i>	7	0	100	100	100	0	100	100		100		100	0	100	100			100	100	100		100	0	100
<i>Proteus mirabilis</i>	272	100	67	82	70	67	71	71		53		100	92	79	100			45	0	97		22	94	70
<i>Providencia stuartii</i>	29	100	0	0	100	0	100	100		10		93	0	100	100			7	0	79		3	0	90
<i>Morganella morganii</i>	18	100	0	0	89	0	100	94		56		100	94	83	100			56	0	78		22	94	61
<i>Citrobacter freundii</i>	24	100	0	0	92	0	100	92		92		100	92	100	100			88	92	96		100	92	88
<i>Citrobacter koseri</i>	43	100	0	86	98	93	100	98		98		100	98	100	100			93	74	93		100	98	93
<i>Acinetobacter baumannii</i>	24	100	0	92	4	0	58	4		58			67	71	71			58	0	62		67	71	58
<i>Pseudomonas aeruginosa</i>	282	94	0	0	55	0	71	0		61			69	67		72		21	0	81		2	86	0
<i>Stenotrophomonas maltophilia</i>	31								42						69		92				50			77

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BACTERIAL ISOLATE TYPE	# Isolates	Amoxicillin	Ampicillin	Cefotaxime	Ceftriaxone	Chloramphenicol	Ciprofloxacin	Clindamycin	Ertapenem	Erythromycin	Gentamicin	Gentamicin 500	Levofloxacin	Linezolid	Meropenem	Moxifloxacin	Nitrofurantoin	Ofloxacin	Oxacillin	Penicillin G	Quinupristin/dalfopristin	Rifampin	Streptomycin 2000	Telithromycin	Tetracycline	Tigecycline	Trimethoprim/sulfamethox	Vancomycin
<b>Gram-positive</b>																												
<i>Enterococcus faecalis</i>	229		93				59			16		64	60	98			99			93	0		72		23	100		96
<i>Enterococcus faecium</i>	26		19				12			4		81	12	100			12			15	88		19		15	100		42
<i>Staphylococcus aureus</i>	875						54	63		30	98		55	100	70	99			43	0	100	99			95	100	98	100
<i>Staphylococcus epidermidis</i>	42						38	71		29	86		38	100	74	98			33	0	100	98			88	100	81	98
<i>Staphylococcus hominis</i>	13						62	62		54	100		62	100	77	100			38	0	100	100			69	100	77	100
<i>Staphylococcus saprophyticus</i>	23						100	78		52	100		100	100	100	100			57	0	100	100			91	100	96	100
<i>Streptococcus agalactiae</i>	141		100					70		62			99	100						100	99				13	100		100
<i>Streptococcus pneumoniae</i>	7	100				86			100	43			86	100	100	100		86						100	57		43	100
Meningeal - Susceptible	7			86	86																							
Nonmeningeal - Susceptible	7			86	100																							

All data is listed in % susceptible. 12 month cumulative data



Generic/Trade Name	Common Dosing Regimen
Amoxicillin/Clavulanate (Augmentin)	500 mg PO 8 hrs 875 mg PO Q 12 hrs
Ampicillin	1-2 gm IV Q 6 hrs 250-500 mg PO Q 6 hrs
Ampicillin/Sulbactam (Unasyn)	1.5-3 gm IV Q 6 hrs
Aztreon (Azactam)	1-2 gm IV Q 8-12 hrs
Cefazolin (Ancef, Kefzol)	1 gm IV Q 8 hrs
Cefepime (Maxipime)	1-2 gm IV Q 8-12 hrs
Cefotaxime (Claforan)	1-2 gm IV Q 8 hrs
Ceftriaxone (Rocephin)	1 gm IV Q 24 hrs 1 gm IV Q 12 hrs 2 gm IV Q 24 hrs
Cefuroxime sodium (Zinacef, Ceftin)	750 mg - 1.5 gm IV Q 12 hrs 250-500 mg PO BID
Ciprofloxacin (Cipro)	200 mg IV Q 12hr 400 mg IV Q 12 hrs 500 mg PO Q 12 hrs 750 mg PO Q 12 hrs
Clindamycin (Cleocin)	600-900 mg IV Q 8 hrs 150-450 mg PO Q 6-8 hrs

Dosage represents the most commonly used dosing regimens for patients with normal renal function

Generic/Trade Name	Common Dosing Regimen
Erythromycin	500 mg-1gm IV Q 6 hrs 250-500 mg PO Q 6 hrs
Gentamicin	1.5 mg/kg/dose IV Q 8 hrs 2-2.5 mg/kg/dose IV Q 8 hrs 4-7 mg/kg IV Q 24 hrs
Meropenem (Merrem)	1 g, IV Q 8 hrs
Moxifloxacin (Avelox)	400 mg IV Q 24 hrs 400 mg PO Q 24 hrs
Penicillin G Penicillin VK	2-4 M units IV Q 4 hrs 250-500 mg PO Q 6 hrs
Piperacillin/Tazobactam (Zosyn)	4.5 gm IV Q 8 hrs 3.375 gm IV Q 6 hrs 2.25 gm IV Q 6 hrs
Rifampin (Rifadin)	300 mg IV Q 12 hrs 300 mg PO Q 12 hrs
Tetracycline	500 mg PO Q 6 hrs
Tobramycin (Nebcin)	1.5 mg/kg/dose IV Q 8 hrs 2-2.5 mg/kg/dose IV Q 8 hrs 4-7 mg/kg IV Q 24 hrs
Trimethoprim/Sulfa (Bactrim)	8-20mg TMP/kg/day every 6,8,12 hr 1 DS tab PO BID
Vancomycin (Vancocin)	1 gm IVPB initially & adjust doses thereafter 125 mg PO Q 6 hrs (for Clostridium difficile toxin)

Dosage represents the most commonly used dosing regimens for patients with normal renal function

## ***CULTURE AND SUSCEPTIBILITY DATA***

***A Service of the Laboratory and Pharmacy Departments***

**January 2010 - December 2010**