

Prepared by: Russell Rawling, MS Microbiology Manager

OrganismDisplay	Number of Isolates*	Ampicillin	Amoxicillin/clavulanate	Piperacillin/tazobactam	Cefazolin**	Cefoxitin	Cefepime	Ceftazidime	Ceftriaxone	Ertapenem	Meropenem	Ciprofloxacin	Levofloxacin	Gentamicin++	Tobramycin	Amikacin	Tetracycline (Doxycycline)	Trimethoprim/sulfamethoxazole (Bactrim)	Nitrofurantoin	Clindamycin	Erythromycin	Azithromycin	Oxacillin+	Penicillin	Vancomycin	Rifampin++	Linezolid	Gentamicin-Synergy
ESCHERICHIA COLI	1385	53	83	96	86	93	93	93	92	100	100	76	73	93	93	100	80	79	95									
KLEBSIELLA PNEUMONIAE	335	0	95	98	88	95	93	93	93	100	100	90	87	96	96	100	82	88	25									
PROTEUS MIRABILIS	146	87	100	99	88	95	99	98	99	85	100	69	69	97	98	100	0	85	0									
ENTEROBACTER CLOACAE COMPLEX	70	0	0	80	0	0	97	80	75	92	100	95	91	97	97	100	87	89	42									
SERRATIA MARCESCENS	48	0	0	92	0	7	100	92	88	100	100	88	88	96	91	100	36	100	0									
KLEBSIELLA OXYTOCA	46	0	94	96	57	97	93	93	93	98	98	96	96	96	96	100	97	96	84									
PSEUDOMONAS AERUGINOSA	163	NI	NI	92	NI	NI	92	92	NI	NI	90	72	60	90	95	100	NI	NI	NI									
ENTEROCOCCUS SP., VSE	137	96										67	68				30		93					95	100		100	57
STAPH. AUREUS, MSSA	194											85	86	100			95	94	100	86	68		100	0	100	100	100	
STAPH. AUREUS, MRSA	161											28	29	100			93	96	99	76	12		0	0	100	100	100	
STAPH. SPECIES, COAG.NEG	50											78	78	100			76	72	100	71	43		50	0	100	98	100	
STAPHYLOCOCCUS SAPRO-	36											97	100				97	97	97				36	0	100	100		
STAPHYLOCOCCUS EPIDE-	35											62	62	69			70	57	100	51	34		22	0	97	97	100	
HAEM INFLUENZAE COMM WIDE	73	60							100		100	100	93				78	52										
STREP PNEUMONIAE COMM WIDE	73								100				100				82	88		87	61	61		100#	100		100	

\* Note: isolates from all sources; urine, blood, respiratory, wound, etc.

\*\* For uncomplicated UIT's, Cefazolin MIC results less than or equal to 16 mcg/ml predict susceptibility of the following oral cephalosporins: cefactor, cefdinir, cefpodoxime, cefprozil cefuroxime and + Oxacillin susceptible Staph are also susceptible to other penicillinase resistant penicillins, betalactam/betalactamase inhibitor combinations, cepheems, and carbapenems FDA approved to treat Staph

++ Gentamicin and Rifampin may be used in combination with other drugs against Staph isolates.

# 100% were in the intermediate or susceptible range indicating many could be treated for pneumonia with appropriate dosing of an IV penicillin.

## NI= drug not active

**The percentage in red are greater than or equal to 80% susceptibility, potentially useful for empiric therapy.**