

Carondelet St. Joseph's Hospital- Tucson, Arizona

DEPARTMENT OF MICROBIOLOGY

ANTIBIOTIC SUSCEPTIBILITY OF COMMON ORGANISMS • NUMBERS ARE PERCENT SUSCEPTIBLE

Fourth Quarter 2009

Organsim	TOTAL ISO-	AM	A/S	CFZ	CTN	CAZ	CAX	CIPRO	CD	E	GM	MEM	MXF	FD*	OX	P	P/T	TE	T/S	VA
	LATES																			
<i>Acinetobacter baumannii/haemolyticus</i>	9*		44			11	0	33			67								44	
<i>Citrobacter freundii grp</i>	9*				0		89	78			89	100		89					89	
<i>Enterobacter cloacae</i>	26*				0		85	88			92	100		12			85		85	
<i>E. coli</i>	463	54	67	88	98		95	81			91	99		92			96		75	
<i>Klebsiella pneumoniae</i>	74		81	93	100		100	99			100	100		19			96		92	
<i>Morganella morganii</i>	7*		0		100		100	71			86	100		0			100		71	
<i>Proteus mirabilis/penneri grp</i>	41	71	80	83	95		93	78			90	98					95		71	
<i>Pseudomonas aeruginosa</i>	109					88					94	95					89			
<i>Serratia marcesens</i>	8*				100		100				100	100							75	
<i>Stenotrophomonas maltophilia</i>	5*																		100	
<i>Enterococcus faecalis</i>	106	83														76				94
<i>Enterococcus faecium</i>	32	13														6				22
<i>Staphylococcus aureus</i>	296			46					71	40	98		74	99	46	0		97	99	100
<i>Staphylococcus coagulase-negative</i>	75			28					60	27	81		57	100	28	0		88	64	100
<i>Streptococcus pneumoniae</i>	20*						*			64						80^		90**	70	100

* Less than 30 isolates may not be statistically valid

***Strep. pneumo Penicillin sensitivity: 80% sensitive, 10% intermediate, 10% resistant.**

*** Strep. pneumo Ceftriaxone sensitivity: 95% meningitis isolates; 100% non-meningitis isolates**

	ESBL		ESBL		KPC
	MRSA	VRE	EC	KP	
1Q '08/'09	65%/58%	1%/24%	3%	1%	0%
2Q '08/'09	55%/49%	4%/14%	3%	2%	0%
3Q '08/'09	58%/53%	6%/13%	3%/4%	7%/4%	0%
4Q '08/'09	53%/54%	24%/22%	3%/4%	2%/1%	1 isolate
FY '08/'09	56%/	12%/	3%/	4%/	

ESBL- Extended Spectrum Beta Lactamase Producing Organism
(EC=E.coli, KP=K.pneumoniae)

KPC- Carbapenemase Producing Enterobacteriaceae

AM	Ampicillin	FD	Nitrofurantoin
A/S	Unasyn	MEM	Meropenem
CAX	Ceftriaxone	MXF	Moxifloxacin
CD	Clindamycin	OX	Oxacillin
CIPRO	Ciprofloxacin	P	Penicillin
CFZ	Cefazolin	P/T	Piperacillin/Tazobactam
CAZ	Ceftazidime	TE	Tetracycline
CTN	Cefotetan	T/S	Trimeth/sulfa
E	Erythromycin	VA	Vancomycin
GM	Gentamicin		

*= urine isolates only

**= not for blood /CSF isolates

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