

Carondelet St. Joseph's Hospital- Tucson, Arizona

DEPARTMENT OF MICROBIOLOGY

ANTIBIOTIC SUSCEPTIBILITY OF COMMON ORGANISMS • NUMBERS ARE PERCENT SUSCEPTIBLE

For Year 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>	35		37			26	0	31			60									37	
<i>Citrobacter freundii grp</i>	43				0		88	91			91	100		88						79	
<i>Enterobacter cloacae</i>	125				1		89	93			96	100		13			85			92	
<i>E. coli</i>	1839	55	67	91	99		97	81			93	99		94			98			74	
<i>Klebsiella pneumoniae</i>	377		88	95	100		98	98			98	100		28			98			93	
<i>Morganella morganii</i>	24*		0		96		100	75			79	100		0			96			71	
<i>Proteus mirabilis/penneri grp</i>	150	73	87	90	99		95	80			88	99					99			75	
<i>Pseudomonas aeruginosa</i>	359					89					92	93					92				
<i>Serratia marcesens</i>	41				98		98				100	98								93	
<i>Stenotrophomonas maltophilia</i>	28*																			100	
<i>Enterococcus faecalis</i>	352	91												99		89					97
<i>Enterococcus faecium</i>	100	13												9		9					21
<i>Staphylococcus aureus</i>	1081			47					71	41	99		76	99	47	0		97	99	100	
<i>Staphylococcus coagulase-negative</i>	284			29					58	27	83		60	99	29	0		86	67	100	
<i>Streptococcus pneumoniae</i>	61						*			84						78^		93	75	100	

* Less than 30 isolates may not be statistically valid

***Strep. pneumo Penicillin sensitivity: 78% sensitive, 17% intermediate, 5% resistant.**

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

	ESBL		ESBL		
	MRSA	VRE	EC	KP	KPC
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%/53%	12%/20%	3%/3%	4%/2%	1 isolate

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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