

# Carondelet St. Joseph's Hospital- Tucson, Arizona

## DEPARTMENT OF MICROBIOLOGY

### ANTIBIOTIC SUSCEPTIBILITY OF COMMON ORGANISMS • NUMBERS ARE PERCENT SUSCEPTIBLE First Quarter 2008

Organism	TOTAL ISO-	AM	A/S	CIPRO	CFZ	CTN	CAZ	CAX	CD	E	GM	LVX	FD*	OX	P	P/T	TE	T/S	VA
	LATES																		
<i>Acinetobacter baumannii/haemolyticus</i>	3*		100	100			67	0			100	100				100		100	
<i>Citrobacter freundii grp</i>	7*		0	100		0		86			100	100	100			100		100	
<i>Enterobacter cloacae</i>	11*		18	91		18		91			100	91	27			91		82	
<i>Enterococcus sp.</i>	81	95											94		95				99
<i>E. coli</i>	403	46	61	77	91	100		97			93	77	93			100		73	
<i>Klebsiella pneumoniae</i>	109		90	97	97	100		98			98	97	34			97		96	
<i>Morganella morganii</i>	1*		0	100		100		100			100	100	0			100		100	
<i>Proteus mirabilis/penneri grp</i>	24*	90	93	86	97	100		97			100	86				100		90	
<i>Pseudomonas aeruginosa</i>	62						86				84	73				91			
<i>Serratia marcesens</i>	8*					100		100			100	100						100	
<i>Staphylococcus aureus</i>	263				35				65	31	98	38	100	35	3			99	100
<i>Staphylococcus coagulase-negative</i>	66				31				52	27	85	40	100	31	8			56	100
<i>Stenotrophomonas maltophilia</i>	8*																	70	
<i>Streptococcus pneumoniae</i>								81*	57	57**		100			40^			57**	100

\* Less than 30 total isolates- may not be statistically valid.

<b>MRSA Rate:</b>	<b>65%</b>
<b>VRE Rate:</b>	<b>1%</b>

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

\* = urine isolates only  
\*\* = not for blood /CSF isolates

^Penicillin sensitivity: 40% sensitive, 22% intermediate, 38% resistant.

\*Ceftriaxone sensitivity: 81% sensitive, 14% intermediate, 5% resistant

Microbiology Department: Ext. 3788  
Pharmacy Department: Ext. 3909



# Carondelet St. Joseph's Hospital- Tucson, Arizona

## DEPARTMENT OF MICROBIOLOGY

### ANTIBIOTIC SUSCEPTIBILITY OF COMMON ORGANISMS • NUMBERS ARE PERCENT SUSCEPTIBLE

### Second Quarter 2008

Organism	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>	3*		67			67	0	67			67	100					67		67	
<i>Citrobacter freundii grp</i>	12*		25		25		83	83			92	100		92			92		58	
<i>Enterobacter cloacae</i>	18*		0		0		89	100			100	100		6			89		94	
<i>Enterococcus sp.</i>	76	97												95		96				96
<i>E. coli</i>	472	58	69	93	99		97	80			95	100		94			100		77	
<i>Klebsiella pneumoniae</i>	116		91	96	99		97	94			97	99		26			97		92	
<i>Morganella morganii</i>	4*		0		75		100	25			50	100		0			75		50	
<i>Proteus mirabilis/penneri grp</i>	29*	97	100	100	100		100	83			100	100					100		79	
<i>Pseudomonas aeruginosa</i>	89					84					90	90					95			
<i>Serratia marcescens</i>	8*				100		100				100	100							100	
<i>Staphylococcus aureus</i>	370			45					74	40	100		51	99	45	5		97	372	100
<i>Staphylococcus coagulase-negative</i>	96			18					52	26	82		38	99	18	2		75	69	100
<i>Stenotrophomonas maltophilia</i>	0																		--	
<i>Streptococcus pneumoniae</i>	14*						100		82**	64						79^		73**	64	100

\* Less than 30 total isolates- may not be statistically valid.

- |       |               |     |                         |
|-------|---------------|-----|-------------------------|
| 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 |
| CTN   | Cefotetan     | TE  | Tetracycline            |
| CAZ   | Ceftazidime   | VA  | Vancomycin              |
| E     | Erythromycin  | VA  | Vancomycin              |
| GM    | Gentamicin    |     |                         |

	1Q	2Q	3Q	4Q
<b>MRSA Rate:</b>	<b>65%</b>	<b>55%</b>		
<b>VRE Rate:</b>	<b>1%</b>	<b>4%</b>		

\* = urine isolates only  
\*\* = not for blood /CSF isolates

^Penicillin sensitivity: 79% sensitive, 7% intermediate, 14% resistant.

Microbiology Department: Ext. 3788  
Pharmacy Department: Ext. 3909



# Carondelet St. Joseph's Hospital- Tucson, Arizona

## DEPARTMENT OF MICROBIOLOGY

### ANTIBIOTIC SUSCEPTIBILITY OF COMMON ORGANISMS • NUMBERS ARE PERCENT SUSCEPTIBLE

#### Third Quarter 2008

Organism	TOTAL ISO-	AM	A/S	CFZ	CTN	CAZ	CAX	CIPRO	CD	E	GM	MEM	MXF	FD*	OX	P	P/T	TE	T/S	VA	ESBL
	LATES																				
<i>Acinetobacter baumannii/haemolyticus</i>	6*		83			0	0	67			83	100					100		67		
<i>Citrobacter freundii grp</i>	8*				13		75	88			100	100		88					75		
<i>Enterobacter cloacae</i>	36				3		92	94			97	100		22			97		94		
<i>Enterococcus sp.</i>	82	94												95		95				94	
<i>E. coli</i>	434	55	66	92	99		96	81			93	100		94			99		75		3%
<i>Klebsiella pneumoniae</i>	97		88	93	100		94	96			96	100		35			99		90		7%
<i>Morganella morganii</i>	1*		0		100		100	100			100	100		0			100		100		
<i>Proteus mirabilis/penneri grp</i>	27*	78	89	93	100		93	89			93	100					100		70		
<i>Pseudomonas aeruginosa</i>	80					95					94	95					99				
<i>Serratia marcescens</i>	12*				100		100				100	100							100		
<i>Staphylococcus aureus</i>	308			42					72	39	100		77	99	42	1		99	99	100	
<i>Staphylococcus coagulase-negative</i>	68			31					59	37	82		62	99	31	0		90	61	100	
<i>Stenotrophomonas maltophilia</i>	6*																		100		
<i>Streptococcus pneumoniae</i>	8*						100			100						63		100**	88	100	

\* Less than 30 total isolates- may not be statistically valid.

- |       |               |     |                         |
|-------|---------------|-----|-------------------------|
| 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 |
| CTN   | Cefotetan     | TE  | Tetracycline            |
| CAZ   | Ceftazidime   | VA  | Vancomycin              |
| E     | Erythromycin  | VA  | Vancomycin              |
| GM    | Gentamicin    |     |                         |

ESBL- Extended Spectrum

Beta Lactamase Producing Organism

\*= urine isolates only

\*\*= not for blood /CSF isolates

	1Q	2Q	3Q	4Q
<b>MRSA Rate:</b>	65%	55%	58%	
<b>VRE Rate:</b>	1%	4%	6%	

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