

# Carondelet St. Joseph's Hospital- Department of Microbiology

## Antibiotic Susceptibility of Common Organisms

For Year 2011

Numbers are percent susceptible

Source	Gram Positive Organisms	Total isolates	Ampicillin	Cefazolin	Ceftriaxone	Clindamycin	Erythromycin	Ciprofloxacin	Moxifloxacin	Nitrofurantoin**	Oxacillin	Penicillin	Tetracycline	Trimeth/sulfa	Vancomycin	
All	<i>Enterococcus faecalis</i>	349	95									95			98	
	<i>Enterococcus faecium</i>	98	19									17			28	
	VRE Rate = 17 %															
	<i>All Staphylococcus aureus</i>	1026		49			71	40	51			49	see chart	97	99	100
	MRSA Rate = 51 %															
	<i>Oxacillin-resistant S. aureus (MRSA)</i>	543		0			59	12	20			0	0	98	98	100
	<i>Oxacillin-susceptible S. aureus (MSSA)</i>	519		100			82	70	83	84		100	5	97	100	100
	<i>Staphylococcus epidermidis</i>	255		34			60	37	48			34	2	82	69	100
	<i>Streptococcus pneumoniae</i>	62						0					see chart	84	81	100
		meningitis				see chart										
	non-meningitis				see chart											
Urine	<i>Enterococcus faecalis</i>	208	98							100		98			100	
	<i>Enterococcus faecium</i>	56	13							14		11			20	
	VRE Rate = 17 %															
	<i>All Staphylococcus aureus</i>	63		44			48	33	32		100	44	2	98	98	100
	MRSA Rate = 56%															
	<i>Oxacillin-resistant S. aureus (MRSA)</i>	35		0			29	9	6		100	0	0	100	97	100
	<i>Oxacillin-susceptible S. aureus (MSSA)</i>	28*		100			71	64	69	70	100	100	4	96	100	100
<i>Staphylococcus epidermidis</i>	99		47			65	42	44		100	47	4	85	30	100	

\* Less than 30 colonies may not be statistically valid \*\* Urinary tract isolates

Strep. pneumo	Penicillin Susceptibility	Ceftriaxone Susceptibility (non-meningitis)	Ceftriaxone Susceptibility (meningitis)
All Sites	79% susceptible; 11% intermediate; 10% resistant	100% susceptible	94% susceptible; 6% intermediate; 0% resistant
Blood	88% susceptible; 8% intermediate; 4% resistant	100% susceptible	100% susceptible
Respiratory	73% susceptible; 14% intermediate; 13% resistant	100% susceptible	91% susceptible; 9% intermediate; 0% resistant

Source	Gram Positive Organisms	Total isolates	Ampicillin	Cefazolin	Ceftriaxone	Clindamycin	Erythromycin	Ciprofloxacin	Moxifloxacin	Nitrofurantoin**	Oxacillin	Penicillin	Tetracycline	Trimeth/sulfa	Vancomycin	
Bloods	<i>Enterococcus faecalis</i>	23*	96									96			96	
	<i>Enterococcus faecium</i>	8*	25									25			25	
	VRE Rate = 23 %															
	<i>All Staphylococcus aureus</i>	90		42		59	36	43			42	2	97	99	100	
	MRSA Rate = 58 %															
	<i>Oxacillin-resistant S. aureus (MRSA)</i>	52		0		42	8	13			0	0	96	98	100	
	<i>Oxacillin-susceptible S. aureus (MSSA)</i>	39		100		82	72	85	85		100	5	97	100	100	
	<i>Staphylococcus epidermidis</i>	38		29		47	37	53			29	0	82	80	100	
	<i>Streptococcus pneumoniae</i>	25*					0					see chart	92	88	100	
	meningitis non-meningitis					see chart see chart										
Respiratory	<i>All Staphylococcus aureus</i>	254		52		56	41	47			52	2	97	97	100	
	MRSA Rate = 48 %															
	<i>Oxacillin-resistant S. aureus (MRSA)</i>	126		0		29	6	4			0	0	97	95	100	
	<i>Oxacillin-susceptible S. aureus (MSSA)</i>	137		100		80	71	85	85		100	4	97	94	100	
	<i>Streptococcus pneumoniae</i>	39					0					see chart	85	82	100	
	meningitis non-meningitis					see chart see chart										
Others	<i>Enterococcus faecalis</i>	126	90									90			95	
	<i>Enterococcus faecium</i>	38	29									29			39	
	VRE Rate = 18 %															
	<i>All Staphylococcus aureus</i>	705		47		78	40	53			47	3	98	99	100	
	MRSA Rate = 53 %															
	<i>Oxacillin-resistant S. aureus (MRSA)</i>	382		0		73	14	26			0	0	98	99	100	
	<i>Oxacillin-susceptible S. aureus (MSSA)</i>	336		100		84	69	83	84		100	6	98	100	100	
	<i>Staphylococcus epidermidis</i>	115		24		62	33	50			24	1	81	86	100	

\* Less than 30 colonies may not be statistically valid \*\* Urinary tract isolates only



