

Regional Antibigram - 2022 Patients <18 years of age Alton Memorial Hospital, Barnes-Jewish Hospital, Christian Hospital, Memorial Hospital, Parkland Health Center, St. Louis Children's Hospital	Percent of Strains Susceptible to Antimicrobial Indicated																			
	# Strains Tested	Ampicillin	Ampicillin-Sulbactam	Aztreonam	Cefazolin	Cefepime	Cefiderocol	Ceftolozane-Tazobactam	Ceftriaxone	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Levofloxacin	Meropenem	Minocycline	Nitrofurantoin [†]	Piperacillin-Tazobactam	Tobramycin	Trimethoprim-Sulfamethoxazole
Gram Negative Bacilli																				
<i>Enterobacter cloacae</i> complex	66	•	•	•	•	100			•	•	94	97		100		63	•			88
<i>Escherichia coli</i>	933	52	60		92	99			96	98	88	91		100				99		75
<i>Escherichia coli</i> - URINE ONLY	853	53			95	99			96	98	88	91		100		99	99			76
<i>Klebsiella oxytoca</i>	58	0			41	100			86	88	90	88		100				93		81
<i>Klebsiella pneumoniae</i>	99	0	74		88	95			89	90	86	94		97		77	96			85
<i>Proteus mirabilis</i>	76	92			82	100			100	100	95	96	£	100		‡	99			86
<i>Pseudomonas aeruginosa</i> (including mucoid morphotype)	207			92		97	100	100		99	89	88	95	94				98	92	
<i>Serratia marcescens</i>	48	•	•		•	100					85	92		100						96
<i>Stenotrophomonas maltophilia</i>	51												96		98					100

[†] Only indicated for uncomplicated cystitis.

• Because of the presence of inducible beta-lactamase, these organisms should be considered resistant to the antimicrobial indicated.

‡ Intrinsic resistant to nitrofurantoin, tetracyclines, and colistin.

£ Low-level resistance to imipenem is common in Proteaeae; imipenem cannot be inferred from meropenem.

Shaded boxes indicate organism/antimicrobial combinations not tested routinely or insufficient data available for robust statistical analysis.

Regional antibiogram includes first isolate per patient for inpatients, outpatients, and Emergency Department.

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	# Strains Tested	Ampicillin	Cefazolin	Ceftriaxone	Ceftriaxone (non-meningitis)	Ceftriaxone (meningitis)	Clindamycin	Daptomycin ^f	Doxycycline	Erythromycin	Levofloxacin	Linezolid	Nitrofurantoin	Oxacillin	Penicillin	Penicillin (non-meningitis)	Penicillin (meningitis)	Trimethoprim-Sulfamethoxazole	Vancomycin
Gram Positive																			
<i>Staphylococcus aureus</i>	1205		71	71			79	95	99	50		100		70				100	99
MRSA*	353		0	0			77	95	98	22		100		0				99	99
MSSA**	852		100	100			80	94	99	62		100		98				100	99
<i>Staphylococcus epidermidis</i>	73		35	35			58	98	95	35		100		35				62	100
<i>Staphylococcus lugdunensis</i>	38		92	92			92		100	89		100		61				100	100
<i>Enterococcus faecalis</i>	146	100							39			100	100						99
<i>Streptococcus anginosus</i> group (<i>S. anginosus</i> , <i>S. constellatus</i> , <i>S. intermedius</i>)	38			100			89			75	100			97					100
<i>Streptococcus pneumoniae</i>	85				99	87	98		81		100				98	62	64	64	100

* Methicillin-Resistant *Staphylococcus aureus*.

** Methicillin-Susceptible *Staphylococcus aureus*.

^f Daptomycin routinely tested only on isolates from sterile sites.

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