

Barnes-Jewish Hospital - 2022	Percent of Strains Susceptible to Antimicrobial Indicated																				
	# Strains Tested	Ampicillin	Ampicillin-Sulbactam	Aztreonam	Cefazolin	Cefepime	Cefiderocol	Ceftolozane-Tazobactam	Ceftriaxone	Ceftazidime	Ciprofloxacin	Fosfomycin [^]	Gentamicin	Imipenem	Levofloxacin	Meropenem	Minocycline	Nitrofurantoin [†]	Piperacillin-Tazobactam	Tobramycin	Trimethoprim-Sulfamethoxazole
Gram Negative Bacilli																					
<i>Achromobacter</i> spp.	32					16				88	31		12			69					
<i>Acinetobacter calcoaceticus-baumannii</i> complex	37		85			43				51	41		76			43			41		59
<i>Citrobacter freundii</i> complex	43	•	•	•	•	95			•	•	81		95			95			•		79
<i>Citrobacter koseri</i>	34	0			85	85			85	85	88		97			85			85		82
<i>Enterobacter (Klebsiella) aerogenes</i>	66	•	•	•	•	98			•	•	95		100			98			•		97
<i>Enterobacter cloacae</i> complex	188	•	•	•	•	96			•	•	93		98			98		54	•		89
<i>Escherichia coli</i> - Inpatients	762	46	70		77	95			87	91	67		92			100			97		72
<i>Escherichia coli</i> - Inpatients URINE ONLY	503	47			84	95			87	92	64	95	91			100		98	97		71
<i>Escherichia coli</i> - Emergency Department	934	46	58		85	96			91	93	73		90			100			99		73
<i>Escherichia coli</i> - Emergency Dept. URINE ONLY	803	47			89	96			91	94	74	100	91			100		98	99		72
<i>Klebsiella oxytoca</i>	79	0	60		34	94			84	90	86		91			99			86		85
<i>Klebsiella pneumoniae</i>	359	0	67		82	90			86	87	84		95			96		64	91		83
<i>Klebsiella variicola</i>	45	0			100	100			100	100	98		100			100			100		100
<i>Morganella morganii</i>	36	0			0	100			100	86	80		94	£		100		‡	100		83
<i>Proteus mirabilis</i>	199	81	89		59	99			96	98	81		92	£		100		‡	100		80
<i>Pseudomonas aeruginosa</i>	471			75		93	99	98		89	85		97	84		87			87	98	
<i>Pseudomonas aeruginosa</i> (mucoid morphotype)	31			68		94	100	94		90	71		90	84		77			90	100	
<i>Serratia marcescens</i>	74	•	•		•	99					95		100			99					96
<i>Stenotrophomonas maltophilia</i>	101														95		100				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.

[^]Fosfomycin is routinely tested on multi-drug resistant *Escherichia coli* from urine. Fosfomycin is only indicated for urinary tract infection.

£ 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.

Data based on first isolate per patient for inpatients unless otherwise noted.

Barnes-Jewish Hospital - 2022	Percent of Strains Susceptible to Antimicrobial Indicated																								
	# Strains Tested	Ampicillin	Azithromycin	Cefazolin	Ceftaroline	Ceftriaxone	Ceftriaxone (non-meningitis)	Ceftriaxone (meningitis)	Ciprofloxacin	Clindamycin	Daptomycin [£]	Doxycycline	Erythromycin	Gatifloxacin ^π	Gentamicin (High-level)	Linezolid	Levofloxacin	Nitrofurantoin [†]	Oxacillin	Penicillin	Penicillin (non-meningitis)	Penicillin (meningitis)	Trimethoprim-Sulfamethoxazole	Vancocycin	
Gram Positive																									
<i>Staphylococcus aureus</i> - Inpatients	736			66	100	66				68	96	97	47			100			65					99	99
MRSA*	250			0	100	0				58	94	92	20			100			0					97	98
MSSA**	486			100	100	100				74	96	99	61			100			99					99	99
<i>Staphylococcus aureus</i> - Emergency Department	486			57	100	57				78	95	95	40			100			56					98	99
MRSA*	208			0	100	0				80	96	94	15			100			0					97	99
MSSA**	278			100	100	100				76	95	96	58			100			98					99	99
<i>Staphylococcus epidermidis</i>	246			28		28				53	97	90	33			100			28					43	100
<i>Staphylococcus lugdunensis</i>	58			81		81				88	100	93	79			100			55					96	100
Other <i>Staphylococcus</i> species	92			58		58				73	83	93	50			100			58					71	100
<i>Enterococcus faecalis</i>	300	100								100	33			86	100		99								96
<i>Enterococcus faecium</i>	164	15								94	48			97	100		14								42
<i>Streptococcus anginosus</i> group (<i>S. anginosus</i> , <i>S. constellatus</i> , <i>S. intermedius</i>)	104					100				82			70			100				97					100
<i>Streptococcus mitis</i> group	42					100				81			33			71				57					100
<i>Streptococcus pneumoniae</i>	42		48				100	79		81		74		100							100	36	55		100
<i>Corynebacterium striatum</i>	52								0			12			100				0						100
<i>Corynebacterium</i> spp., not <i>C. striatum</i>	30								57			87			100				40						100

[†] Only indicated for uncomplicated cystitis.

* Methicillin-Resistant *Staphylococcus aureus*.

** Methicillin-Susceptible *Staphylococcus aureus*.

[£] Daptomycin routinely tested only on isolates from sterile sites.

^π Moxifloxacin susceptibility results can be inferred from gatifloxacin susceptibility testing.

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

Data based on first isolate per patient for inpatients unless otherwise noted.