

Norton Children's Hospital

	Number Tested	Penicillins					Cephalosporins				Monobactam	Carbapenem	Aminoglycosides				Gram + Coverage					Others					
		Amoxicillin/Clavulanate	Ampicillin	Ampicillin/Subactam	Oxacillin	Penicillin	Piperacillin/Tazobactam	Oral cephalosporins for uncomplicated UTI	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Aztreonam	Meropenem	Amikacin	Gentamicin	Gentamicin Synergy	Tobramycin	Clindamycin [1, 2]	Erythromycin [2]	Vancocycin	Linezolid	Daptomycin	Ciprofloxacin	Levofloxacin	Nitrofurantoin [2]	Trimeth/Sulfa
Citrobacter freundii complex [3]	14	0	0	0	0	0	100	0	100	93	79	92	*	100	100	100	100	0	0	0	0	0	0	100	100	100	93
Enterobacter cloacae complex [4]	46	0	0	0	0	0	89	0	98	87	80	78	100	100	93	91	91	0	0	0	0	0	98	98	25	85	
Escherichia coli	504	87	46	52	0	0	98	91	64	97	95	94	95	100	91	92	92	0	0	0	0	0	86	87	99	72	
Klebsiella oxytoca	18	94	0	56	0	0	94	17	100	100	94	100	*	100	100	100	100	0	0	0	0	0	100	100	100	89	
Klebsiella pneumoniae	61	90	0	82	0	0	97	80	95	95	95	93	100	100	97	97	97	0	0	0	0	0	95	97	38	90	
Proteus mirabilis	22	100	100	100	0	0	100	82	100	100	100	*	100	100	100	100	100	0	0	0	0	0	100	100	0	95	
Pseudomonas aeruginosa	82	0	0	0	0	0	95	0	96	95	0	87	95	93	82	91	91	0	0	0	0	0	91	91	0	0	
Serratia marcescens	21	0	0	0	0	0	62	0	95	67	67	74	100	100	90	81	81	0	0	0	0	0	86	100	0	100	
Stenotrophomonas maltophilia	25	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	0	0	
Staphylococcus aureus	450	44	0	0	44	0	44	0	0	0	0	0	0	0	0	0	0	80	31	100	100	99	0	0	0	99	
Methicillin-resistant S. aureus	255	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	9	100	100	99	0	0	0	99	
Methicillin-susceptible S. aureus	197	100	0	0	100	0	100	0	0	0	0	0	0	0	0	0	0	79	60	100	100	99	0	0	0	100	
Staphylococcus epidermidis	74	27	0	0	27	0	27	0	0	0	0	0	0	0	0	0	0	47	19	100	100	100	0	0	0	100	64
Staphylococcus haemolyticus	10	20	0	0	20	0	20	0	0	0	0	0	0	0	0	0	0	*	*	100	100	100	0	0	0	100	70
Staphylococcus lugdunensis	12	92	0	0	92	0	92	0	0	0	0	0	0	0	0	0	0	83	83	100	100	100	0	0	0	100	
Staphylococcus simulans	23	91	0	0	91	0	91	0	0	0	0	0	0	0	0	0	0	*	*	100	100	100	0	0	0	100	96
Other coagulase-negative staphylococci	20	70	0	0	70	0	70	0	0	0	0	0	0	0	0	0	0	75	44	100	100	95	0	0	0	75	
Enterococcus faecalis	94	100	0	0	100	0	100	0	0	0	0	0	0	0	83	0	0	0	37	100	100	100	0	0	0	100	0
Other Enterococcus species	12	67	0	0	67	0	67	0	0	0	0	0	0	0	83	0	0	*	67	100	100	83	0	0	0	0	
Streptococcus anginosus [5]	17	100	0	0	100	0	100	0	0	0	100	0	0	0	0	0	0	81	50	100	0	0	0	0	0	100	
Streptococcus intermedius [5]	11	100	0	0	100	0	100	0	0	0	100	0	0	0	0	0	0	91	82	100	0	0	0	0	0	100	
Streptococcus pneumoniae	52	96	0	0	96	0	96	0	0	0	0	0	0	0	0	0	0	90	49	100	0	0	0	0	0	100	63
Viridans streptococci	24	46	0	0	46	0	46	0	0	0	83	0	0	0	0	0	0	96	33	100	0	0	0	0	0	92	

*Fewer than 10 isolates.

[1] MRSA: 6% inducible resistance, 13% constitutive resistance; MSSA: 18% inducible resistance, 3% constitutive resistance; Coag-neg Staph (all species): 6% inducible resistance, 31% constitutive resistance.

[2] Clindamycin and erythromycin data are based on non-urine isolates only. Nitrofurantoin susceptibility is based on urine isolates only.

[3] C. freundii complex consists of the species C. braakii, C. freundii, C. murliniae, C. sedlaki, C. werkmanii, and C. youngae.

[4] E. cloacae complex consists of the species E. asburiae, E. cloacae, E. hormaechei, E. kobei, E. ludwigii, and E. nimipressuralis.

[5] Together, the species S. anginosus, S. intermedius, and S. constellatus comprise the Streptococcus anginosus group.

	Penicillin - IV meningitis	Penicillin - IV non-meningitis	Penicillin - Oral	Ceftriaxone - IV meningitis	Ceftriaxone - IV non-meningitis
Percent Susceptible	67	98	67	85	98
Percent Intermediate	0	2	19	13	2
Percent Resistant	33	0	13	2	0