

Norton Audubon Hospital

	Number Tested	Penicillins					Piperacillin/Tazobactam	Oral cephalosporins for uncomplicated UTI	Cephalosporins				Monobactam	Carbapenems		Aminoglycosides			Gram + Coverage				Others					
		Amoxicillin/Clavulanate	Ampicillin	Ampicillin/Sulbactam	Oxacillin	Penicillin			Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Aztreonam	Ertapenem	Meropenem	Amikacin	Gentamicin	Gentamicin Synergy	Tobramycin	Clindamycin [1, 2]	Erythromycin [2]	Vancomycin	Linezolid	Daptomycin	Ciprofloxacin	Levofloxacin	Nitrofurantoin [2]	Tetracycline
Acinetobacter baumannii complex [3]	35	0	0	77	0	0		0	80	80	0	0	79	89	80	91	0	0	0	0	0	0	71	71		77		
Citrobacter freundii complex [4]	36	0	0	0	0	0	92		0	94	67	58	69	92	*	100	97	94	0	0	0	0	0	92	97	90	81	
Citrobacter koseri	30	100	0	100	0	0	100		97	100	100	100	100	93	100	100	100	100	0	0	0	0	0	83	83	100	83	
Enterobacter cloacae complex [5]	144	0	0	0	0	0	88		0	94	81	72	74	92	100	100	97	96	0	0	0	0	0	94	97	22	85	
Escherichia coli	1314	76	46	52	0	0	95	82	59	89	88	85	85	99	99	99	91	89	0	0	0	0	0	71	72	98	74	
Klebsiella aerogenes	44	0	0	0	0	0	86		0	98	80	80	79	98	100	100	98	98	0	0	0	0	0	93	95	22	98	
Klebsiella oxytoca	65	85	0	46	0	0	88		9	97	91	83	85	98	95	100	95	95	0	0	0	0	0	97	98	90	89	
Klebsiella pneumoniae	345	92	0	79	0	0	96	78	80	93	91	90	88	99	100	99	97	95	0	0	0	0	0	94	97	45	91	
Morganella morganii	50	0	0	6	0	0	100		0	100	74	78	73	100	100	100	86	96	0	0	0	0	0	84	92	0	78	
Proteus mirabilis	185	97	84	93	0	0	99		62	98	99	97	94	99	100	99	92	91	0	0	0	0	0	71	81	0	0	76
Proteus vulgaris	15	93	0	73	0	0	100		0	100	93	47	82	100	100	100	100	100	0	0	0	0	0	93	93	0	0	93
Providencia rettgeri	16	0	0	44	0	0	94		0	94	62	88	62	94	*	100	100	94	0	0	0	0	0	81	88	0	0	88
Providencia stuartii	18	0	0	28	0	0	83		0	94	83	78	88	94	100	100	0	0	0	0	0	0	0	39	39	0	0	72
Pseudomonas aeruginosa	227	0	0	0	0	0	85		0	83	85	0	73	0	88	97	84	96	0	0	0	0	0	83	81	0	0	0
Pseudomonas putida/fluorescens group	10	0	0	0	0	0	90		100	100			25	0	80	100	100	100	0	0	0	0	0	90	90	0	0	10
Serratia marcescens	41	0	0	0	0	0	68		0	100	78	76	74	98	100	98	98	85	0	0	0	0	0	98	100	0	0	95
Stenotrophomonas maltophilia	34	0	0	0	0	0	0		0		32	0	0	0	0	0	0	0	0	0	0	0	0	94		0	100	
Staphylococcus aureus	867	46			46			46					0					77	32	100	100	99				92	98	
Methicillin-resistant S. aureus	476	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	12	100	100	99				91	96	
Methicillin-susceptible S. aureus	410	100			100			100					0					83	57	100	100	100				92	99	
Staphylococcus epidermidis	142	31			31			31					0					38	18	100	99	99			100	77	53	
Staphylococcus haemolyticus	12	25			25			25					0					*	*	100	92	100			*	75	50	
Staphylococcus hominis	10	80			80			80					0					*	*	100	100	100			*	60	70	
Staphylococcus lugdunensis	50	88			88			88					0					89	77	100	100	100			*	90	96	
Staphylococcus pseudintermedius	14	86			86			86					0					85	85	100	100	100			*	64	79	
Other coagulase-negative staphylococci	22	55			55			55					0					46	46	100	100	82				73	91	
Enterococcus faecalis	169		100		100			0	0	0	0	0	0	0	0	66	0	0	18	95	99	100			*	21	0	
Enterococcus faecium	21		19		19			0	0	0	0	0	0	0	0	81	0	0	0	38	100	90			*	24	0	
Other Enterococcus species	11		100		91			0	0	0	0	0	0	0	0	100	0	0	*	82	100	100			*	45	0	
Group A Streptococcus (S. pyogenes)	21		100		100			100				100	0					81	81	100				100		71	0	
Group B Streptococcus (S. agalactiae)	36		100		100			100				100	0					29	23	100				100		17	0	
Streptococcus anginosus [6]	48		96		96			96				98	0					80	65	100				98		46		
Streptococcus constellatus [6]	28		100		100			100				100	0					82	61	100				100		64		
Streptococcus intermedius [6]	23		100		100			100				100	0					83	61	100				100		78		
Streptococcus pneumoniae	47	98			See Table II			See Table II				0						91	60	100				100		83	74	
Viridans streptococci	43		74		63			95				0						86	36	100				93		60		
Aerococcus urinae	41		98		98			100				0						*	*	100				76		98	0	
Aerococcus viridans	14		93		93			100				0						*	*	100				64		86	100	

*Fewer than 10 isolates.

[1] MRSA: 8% inducible resistance, 21% constitutive resistance; MSSA: 14% inducible resistance, 3% constitutive resistance; Coag-neg Staph (all species): 5% inducible resistance, 37% constitutive resistance.
 [2] Clindamycin and erythromycin data are based on non-urine isolates only. Nitrofurantoin susceptibility is based on urine isolates only.
 [3] A. baumannii complex consists of the species A. baumannii, A. calcoaceticus, A. nosocomialis, and A. pittii.
 [4] C. freundii complex consists of the species C. braakii, C. freundii, C. murlinae, C. sedlaci, C. werkmanii, and C. youngae.
 [5] E. cloacae complex consists of the species E. asburiae, E. cloacae, E. hormaechei, E. kobei, E. ludwigii, and E. nimipressuralis.
 [6] Together, the species S. anginosus, S. intermedius, and S. constellatus comprise the Streptococcus anginosus group.

Table II. Susceptibility rates of penicillin and ceftriaxone for Streptococcus pneumoniae (N = 47)

	Penicillin - IV meningitis	Penicillin - IV non-meningitis	Penicillin - Oral	Ceftriaxone - IV meningitis	Ceftriaxone - IV non-meningitis
Percent Susceptible	74	100	74	100	100
Percent Intermediate	-	0	26	0	0
Percent Resistant	26	0	0	0	0