Laboratory Alliance of CNY-Outreach Antibiogram: January 2021 - December 2021 (Data are % susceptible)

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OrganismDisplay	Number of Isolates*	Ampicillin	Amoxicillin/clavulanate	Ampicillin/sulbactam	Piperacillin/tazobactam	Cefazolin**	Cefoxitin	Cefepime	Ceftazidime	Ceftriaxone	Ertapenem	Meropenem	Ciprofloxacin	Levofloxacin	Gentamicin++	Tobramycin	Amikacin	Tetracycline	Minocycline	Trimethoprim/sulfamethoxazole	Nitrofurantoin	Clindamycin	Erythromycin	Azithromycin	Oxacillin+	Penicillin	Vancomycin	Rifampin++	Daptomycin	Linezolid	Gentamicin-Synergy
ESCHERICHIA COLI	9054	56	83	##	97	90	91	94	94	93	100	100	72	69	92	92	100	81		81	97										
KLEBSIELLA PNEUMONIAE	1981	0	92	##	95	91	93	93	93	93	100	100	88	84	95	94	100	80		88	29										
PROTEUS MIRABILIS	831	77	100	##	100	95	93	99	98	98	83	100	72	71	97	98	100	0		79	0										
ENTEROBACTER CLOACAE COMPLEX	480	0	0	##	81	0	0	98	80	74	91	99	89	84	96	96	100	84		88	35										
KLEBSIELLA OXYTOCA	338	0	93	##	96	81	97	97	97	97	100	100	95	95	97	96	100	93		94	88										
SERRATIA MARCESCENS	179	0	1	##	0	0	2	100	99	90	95	100	89	88	100	91	100	27		98	0										
CITROBACTER KOSERI	162	0	34	##	98	99	93	100	99	98	100	100	99	99	100	100	100	98		98	82										
CITROBACTER FREUNDII	148	0	1	##	86	0	0	100	82	79	100	100	86	82	95	93	100	83		86	96										
MORGANELLA MORGANII	144	0	3	##	91	1	35	96	79	84	96	100	70	70	95	97	100	46		72	0										
ENTEROBACTER AEROGENES	59	0	0	##	77	0	0	100	79	77	96	100	96	91	100	98	100	95		100	4										
PROTEUS VULGARIS	32	0	95	##	100	0	90	97	94	84	87	100	94	94	100	100	100	0		94	0										
PSEUDOMONAS AERUGINOSA	1105	NI	NI	NI	95	NI	NI	93	94	67	NI	91	81	68	95	99	98	NI	NI	NI	NI										
ENTEROCOCCUS SP., VSE	1067	98											78	80				40			96		10				100		64	100	84
ENTEROCOCCUS SP., VRE	101	44											4	4				0			44		0				0			100	71
STAPH. AUREUS, MSSA	1215												88	90	99			93		98	99	75	66		100		100	100	100	100	
STAPH. SPECIES, COAG.NEG	701												67	68	97			81		71	100	73	45		53		100	100	100	100	
STAPH. AUREUS, MRSA	574												29	31	100			90		90	99	75	16		0		100	99	100	100	
STAPHYLOCOCCUS SAPRO-	202												100	100				96		96	100				42		100	100			
STAPHYLOCOCCUS EPIDE-	37												73	76	97			68		70	100	74	40		38		100	100		100	
STENOTROPH MALTOPHILIA COMM WIDE	306								32					77					100	95											
ACINETOBACT BAUMANII COMM WIDE	93			65	25			43	32	8		27	24	24	57	94	100	34		44											
STREP PNEUMONIAE COMM WIDE	54									91				98				75		80		83	49	49		99#	100			100	
HAEM INFLUENZAE COMM WIDE	48	71								100			100	98				77		75											

** For uncomplicated UIT's, Cefazolin MIC results less than or equal to 16 mcg/ml predict susceptibility of the following oral cephalosporins: cefactor, cefdinnir, cefpodoxime, cefprozil cefuroxime and cephalexin.

+ Oxacillin susceptible Staph are also susceptible to other penicillinase resistant penicillins, betalactam/betalactamase inhibitor combinations, cephems,and carbapenems FDA approved to treat Staph infections.

++ Gentamicin and Rifampin may be used in combination with other drugs against Staph isolates.

99% were in the intermediate or susceptible range indicating many could be treated for pneumonia with appropriate dosing of an IV penicillin.

No data

NI= drug not active

The percentage in red are greater than or equal to 80% susceptibility, potentially useful for empiric therapy.