

SHARP MEMORIAL HOSPITAL EMERGENCY DEPT DISCHARGED ANTILOGRAM January - December 2021

	No of Isolates	Penicillins				Cephalosporins					Monobactam	Carbapenem	Aminoglycosides			Fluoroquinolones		Other
		Ampicillin	Amoxicillin/clavulanate	Ampicillin/sulbactam	Piperacillin/tazobactam	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Cefuroxime	Aztreonam	Imipenem	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Trimeth/sulfa
<10 isolates = data not reported. There is less statistical validity of the percent susceptibility data when there are less than 30 isolates.																		
<i>Citrobacter freundii</i>	46	R	R	R		R	94						98	98		89	85	
<i>Citrobacter koseri</i>	44	R			100	93		98	89				100	100		100	100	
<i>Enterobacter aerogenes</i>	77	R	R	R		R	97						97	100		97	99	
<i>Enterobacter cloacae</i>	109	R	R	R		R	89						99	98		99	95	
<i>Escherichia coli</i>	1518	52	74	56	86	81		86	85				90	90	78	80	74	
subset E.coli ESBL	189										100	97	64	56		33		
subset E. coli non-ESBL	1329				99			98					93	95		86	77	
<i>Klebsiella pneumoniae</i>	393	R			89	87		89	85				93	92		94	88	
subset Kl. pneumo ESBL	44	R									100	100	50	43		66		
subset K.pneum non-ESBL	349				99			99					98	98		98	95	
<i>Proteus mirabilis</i>	191	76	83	81	91	74		90	90				92	93		83	80	
<i>Proteus vulgaris</i>	19	R	84	74	100			68					100	95		100	84	
<i>Serratia marcescens</i>	55	R	R	R		R	93						100			93	98	
<i>Acinetobacter baumannii</i>	20	R	R	35					15			35		40	55		25	
<i>Pseudomonas aeruginosa</i>	274	R	R	R	95	R	91	91			85	91	98	87	98	85	86	
<i>Steno maltophilia</i>	41	R	R	R		R											100	
<i>Salmonella species</i> ¹	10	60						70								0	100	
<i>Shigella species</i> ¹	<10																	

	No. of Isolates	Penicillins			Aminoglycoside		Other					STREP PNEUMONIAE ¹				
		Ampicillin	Oxacillin	Penicillin	Gentamicin Synergy	Gentamicin	Clindamycin	Nitrofurantoin (Urinary only)	Tetracycline (surrogate for doxycycline)	Trimethoprim/Sulfa	Vancocycin	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal	
<i>Enterococcus faecalis</i>	221	98	R	78	78	R	R	99		R	99					
<i>Enterococcus faecium</i>	29	35	R	14	83	R	R	50		R	52					
<i>Staphylococcus aureus</i> , all	656		63	20	-	91	77		87	98	100					
Oxacillin sensitive <i>Staph aureus</i> (MSSA)	416	0	99	32	-	95	80	100	90	99						
Oxacillin resistant <i>Staph aureus</i> (MRSA)	240		0	0	-	84	72		80	97	100					
Coagulase-negative <i>Staphylococcus</i>	114		50	19	-	81	65		78	69	100					

N=	30	30	29	29
%S	57	100	100	100

Beta-hemolytic streptococci are universally susceptible to penicillin

¹ Includes all Inpatients and Outpatients

R= intrinsic resistance (inherent or innate antimicrobial resistance)