

SHARP MEMORIAL HOSPITAL INPATIENT ANTIBIOGRAM January - December 2023

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	Minocycline
<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>	72	R	R	R		R	97		0				94	96		96	89	
<i>Citrobacter koseri</i>	63	R	R	R	100	92		97	89				100	100		97	97	
<i>Enterobacter (Klebsiella) aerogenes</i>	87	R	R	R		R	100		R				100	99		99	100	
<i>Enterobacter cloacae</i>	158	R	R	R		R	93		R				97	97		100	98	
<i>Escherichia coli</i> Total	2209	49	69	56	83	76		82	76				88	88	76	78	71	
subset <i>E.coli</i> ESBL	372	R	R	R	R	R		R	R	R	R	100	97	70	60	33	41	
subset <i>E. coli</i> non-ESBL	1868				98			98					91	93		87	76	
<i>Klebsiella pneumoniae</i>	580	R			80	78		81	76				90	86		92	77	
subset <i>K. pneumo</i> ESBL	110	R	R	R	R	R	R	R	R	R	100	100	50	35		69	11	
subset <i>K.pneum</i> non-ESBL	479	R			98			99					99	98		97	92	
<i>Morganella morganii</i>	84	R	R	R	96	R	94		R				85	90		75	68	
<i>Proteus mirabilis</i>	332	76	87	83	91	80		90	88				91	92		81	76	
<i>Proteus vulgaris</i>	34	R	90	88	100	R		74	R				97	100		91	79	
<i>Serratia marcescens</i>	65	R	R	R		R	95		R				100			98	98	
<i>Acinetobacter baumannii</i> *	29	R	R	52	R	R	R		R	R	R	42	68	72		69	75	
<i>Pseudomonas aeruginosa</i>	413	R	R	R	92	R	91	89	R	R	84	92	R	R	98	89	88	R
<i>Steno maltophilia</i>	40	R	R	R	R	R	R		R	R	R	R	R	R	R	98	100	

Urine Sources Only

<i>Escherichia coli</i>	1688	51		58	84	80		84	77		100		88	88	78	78	72	
subset <i>E.coli</i> ESBL	261	R	R	R	R	R	R	R	R	R	100		68	58	32	34	42	
subset <i>E. coli</i> non-ESBL	1446	60		68	99	93		98	90		100		92	93	86	86	78	
<i>Klebsiella pneumoniae</i>	378	0		71	78	77		79	74		100		90	86	85	92	75	
subset <i>K. pneumo</i> ESBL	77	R	R	R	R	R	R	R	R	R	100		55	38	40	71	10	
subset <i>K. pneumo</i> non-ESBL	304	0		88	97	96		99	92		100		99	98	96	98	90	
<i>Proteus mirabilis</i>	192	77		83	91	83		90	87		100		89	92	77	82	76	

No. of Isolates	Penicillins			Aminoglycoside		Other					N=	Pentacillin-meningeal	Pentacillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
	Ampicillin	Oxacillin	Penicillin	Gentamicin Synergy	Gentamicin	Clindamycin	Nitrofrantoin (Urinary only)	Tetracycline (surrogate for doxycycline)	Trimethoprim/Sulfa	Vancocycin					
<i>Enterococcus faecalis</i>	291	99	R	100	77	R	100	R	R	99					
<i>Enterococcus faecium</i>	51	39	R	R	90	R	38	R	R	63					
<i>Staphylococcus aureus</i> , all	957	R	62	19	R	92	78		84	100	100				
Oxacillin sensitive <i>Staph aureus</i> (MSSA)	607	R	100	31	R	96	78		95	100	100				
Oxacillin resistant <i>Staph aureus</i> (MRSA)	365	R	0	0	R	85	77		67	99	100				
<i>Staphylococcus epidermidis</i>	80	R	30	6	R	79	47		76	57	100				

STREP PNEUMONIAE <sup>1</sup>					
N=	<10	39	<10	39	
%S		100		100	

Beta-hemolytic streptococci are universally susceptible to penicillin

R= intrinsic resistance (inherent or innate antimicrobial resistance)