

SHARP MEMORIAL HOSPITAL INPATIENT ANTI-BIOGRAM January - December 2022

	No of isolates	Penicillins				Cephalosporins					Monobactam	Carbapenem	Aminoglycosides			Fluoroquinolones		Other	
		Ampicillin	Amoxicillin/clavulamate	Ampicillin/subbactam	Piperacillin/tazobactam	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Cefuroxime	Aztreonam	Imipenem	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Trimeth/sulfa	Minocycline
Citrobacter freundii	68	R	R	R		R	97			0			100	100		84	85		
Citrobacter koseri	62	R	R	R	98		97	81					100	100		98	97		
Enterobacter (Klebsiella) aerogenes	84	R	R	R		R	100			R			100	100		99	100		
Enterobacter cloacae	158	R	R	R		R	93			R			97	97		97	91		
Escherichia coli Total	2108	49	71	56	84	77		84	78				87	86	76	77	72		
subset E.coli ESBL	334	R	R	R	R	R	R	R	R	R	100	97	62	49		28	43		
subset E. coli non-ESBL	1807				99			99					92	93		86	77		
Klebsiella pneumoniae	527	R			81	78		82	76				91	90		93	80		
subset K. pneumo ESBL	96	R	R	R	R	R	R	R	R	R	100	98	58	52		67	19		
subset K.pneum non-ESBL	435	R			98			100					97	98		98	93		
Morganella morganii	73	R	R	R	97	R	95			R			92	93		82	81		
Proteus mirabilis	279	84	89	87	95	82		94	93				91	95		86	80		
Proteus vulgaris	36	R	91	80	100	R		61	R				97	100		94	94		
Serratia marcescens	64	R	R	R		R	97			R			95			94	98		
Acinetobacter baumannii*	21	R	R	48	R	R	R	R	R	R	40		52	57			38	76	
Pseudomonas aeruginosa	439	R	R	R	93	R	91	91	R	R	82	87	98	94	98	88	87	R	
Steno maltophilia	50	R	R	R	R	R	R		R	R		R	R	R	R		98	96	

Urine Sources Only

Escherichia coli	1602	51	-	58	86	81			86	79		100		89	88	78	78	74
subset E.coli ESBL	230	R	R	R	R	R	R	R	R	R	R	100		65	53	27	28	49
subset E. coli non-ESBL	1397	58	-	67	99	93			99	90		100		92	94	85	85	78
Klebsiella pneumoniae	313	0	-	75	80	79			82	76		99		89	89	88	94	78
subset K. pneumo ESBL	58	R	R	R	R	R	R	R	R	R	R	98		55	50	48	71	9
subset K. pneumo non-ESBL	256	0	-	91	97	97			100	92		100		97	98	97	99	94
Proteus mirabilis	169	87	-	89	95	90			94	93		100		91	95	81	86	83

	No. of Isolates	Penicillins			Aminoglycoside		Other				
		Ampicillin	Oxacillin	Penicillin	Gentamicin Synergy	Gentamicin	Clindamycin	Nitrofurantoin (Urinary only)	Tetracycline (surrogate for doxycycline)	Trimethoprim/Sulfa	Vancomycin
Enterococcus faecalis	316	98	R	100	75	R	R	99	R	R	99
Enterococcus faecium	49	41	R	91	94	R	R	30	R	R	59
Staphylococcus aureus, all	921	R	58	16	R	93	80		85	99	100
Oxacillin sensitive Staph aureus (MSSA)	544	R	100	28	R	97	81		92	100	100
Oxacillin resistant Staph aureus (MRSA)	388	R	0	0	R	85	77		73	97	100
Staphylococcus epidermidis	89	R	29	13	R	74	49		83	67	100

STREP PNEUMONIAE ¹	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
N=	<10	24	<10	24
%S		100		96

Beta-hemolytic streptococci are universally susceptible to penicillin

R= intrinsic resistance (inherent or innate antimicrobial resistance)