

SHARP GROSSMONT HOSPITAL INPATIENT ANTI BIOGRAM 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>	75	R	R	R		R	91		0				93	92		89	83	
<i>Citrobacter koseri</i>	51	R	R	R	96	88		96	77				100	98		100	98	
<i>Enterobacter (Klebsiella) aerogenes</i>	79	R	R	R		R	95		R				97	97		97	95	
<i>Enterobacter cloacae</i>	154	R	R	R		R	96		R				99	98		97	93	
<i>Escherichia coli</i> Total	2427	47	66	55	82	75		82	76				85	85	74	76	70	
subset E.coli ESBL	433	R	R	R	R	R		R	R	R	100	99	61	52		32	40	
subset E. coli non-ESBL	2037				98			98					90	92		85	76	
<i>Klebsiella pneumoniae</i>	702	R			75	73		76	70				90	87		91	75	
subset K. pneumo ESBL	166	R	R	R	R	R		R	R	R	99	99	62	52		73	14	
subset K.pneum non-ESBL	551	R			97			99					98	98		97	92	
<i>Morganella morganii</i>	89	R	R	R	97	R	92		R				82	94		67	60	
<i>Proteus mirabilis</i>	412	73	80	78	89	78		87	85				89	90		75	78	
<i>Proteus vulgaris</i>	33	R	100	64	100	R		58	R				94	94		88	85	
<i>Serratia marcescens</i>	68	R	R	R		R	84		R				98			78	96	
<i>Acinetobacter baumannii</i>	62	R	R	27	R	R			R	R	26		39	44			40	67
<i>Pseudomonas aeruginosa</i>	421	R	R	R	89	R	88	88	R	R	78	86	R	R	98	88	83	R
<i>Steno maltophilia</i>	68	R	R	R	R	R		R	R	R			R	R	R	R	99	100

Urine Sources Only

<i>Escherichia coli</i>	1919	49		57	83	79		83	77		100		86	86	76	76	71	
subset E.coli ESBL	313	R	R	R	R	R	R	R	R	R	100		64	55	31	33	41	
subset E. coli non-ESBL	1626	58		67	98	93		99	90		100		90	92	84	84	77	
<i>Klebsiella pneumoniae</i>	463	0		68	78	78		79	73		99		90	88	87	92	77	
subset K. pneumo ESBL	98	R	R	R	R	R	R	R	R	R	99		62	51	50	73	14	
subset K. pneumo non-ESBL	375	0		86	98	98		99	90		99		98	98	96	97	92	
<i>Proteus mirabilis</i>	265	75		80	91	83		90	87				91	90	74	79	81	

	No. of Isolates	Penicillins			Aminoglycoside		Other									
		Ampicillin	Oxacillin	Penicillin	Gentamicin Synergy	Gentamicin	Clindamycin	Nitrofurantoin (Urinary only)	Tetracycline (surrogate for doxycycline)	Trimethoprim/Sulfa	Vancomycin	STREP PNEUMONIAE ¹	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
<i>Enterococcus faecalis</i>	282	98	R	100	70	R	R	99	R	R	96					
<i>Enterococcus faecium</i>	70	17	R	R	94	R	R	39	R	R	43					
<i>Staphylococcus aureus</i> , all	1151	R	50	16	R	88	82		80	99	100					
Oxacillin sensitive Staph aureus (MSSA)	572	R	100	32	R	95	84		93	100	100					
Oxacillin resistant Staph aureus (MRSA)	600	R	0	0	R	81	81		67	98	100					
<i>Staphylococcus epidermidis</i>	76	R	32	13	R	82	46		67	59	100					

N=	<10	44	<10	44
%S		100		100

Beta-hemolytic streptococci are universally susceptible to penicillin

R= intrinsic resistance (inherent or innate antimicrobial resistance)