

SHARP GROSSMONT HOSPITAL EMERGENCY DEPT DISCHARGED ANTILOGRAM JANUARY - DECEMBER 2023

	No of isolates	Penicillins				Cephalosporins					Monobactams	Carbapenem	Aminoglycosides			Fluoroquinolones		Other	
		Ampicillin	Amoxicillin/clavulanate	Ampicillin/sulbactam	Piperacillin/tazobactam	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Cefturoxime	Aztreonam	Imipenem	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Trimeth/sulfa	Minocycline
<i>Citrobacter freundii</i>	65	R	R	R		R	89							92	91		91	83	
<i>Citrobacter koseri</i>	47	R			96	89			96	83				100	98		100	98	
<i>Enterobacter (Klebsiella) aerogenes</i>	68	R	R	R		R	94			R	84			97	97		97	96	
<i>Enterobacter cloacae</i>	155	R	R	R		R	92			R				99	99		98	95	
<i>Escherichia coli</i>	2088	48	66	56	83	77			84	82				86	86	77	78	71	
subset E.coli ESBL	336										100			99	63	54		34	
subset E. coli non-ESBL	1754								99					91	92		87	77	
<i>Klebsiella pneumoniae</i>	601	R			77	74			78	75				90	88		91	76	
subset Kl. pneumo ESBL	138	R									100			99	65	54		75	
subset K.pneumo non-ESBL	463	R			98				98					98	98		97	93	
<i>Proteus mirabilis</i>	372	74	82	80	89	79			88	88				90	90		77	79	
<i>Proteus vulgaris</i>	31	R	100	68	100	R			58	R				94	94		90	87	
<i>Serratia marcescens</i>	60	R	R	R		R	80			R				98			80	97	
<i>Acinetobacter baumannii</i>	71	R	R	22		R					R	17	38	35	36		22		43
<i>Pseudomonas aeruginosa</i>	353	R	R	R	89	R	88	86		R	80	87	R	R	98	87	84		
<i>Steno maltophilia</i>	21	R		R	R	R			R	R	R		R	R	R			98	100
<i>Salmonella species</i> <sup>1</sup>	17	100							100							93		100	
<i>Shigella species</i> <sup>1</sup>	15								69							94		50	

	No. of isolates	Penicillins			Amino-glycoside		Other				
		Ampicillin	Oxacillin	Penicillin	Gentamicin Synergy	Gentamicin	Clindamycin	Nitrofurantoin (Urinary only)	Tetracycline (surrogate for doxycycline)	Trimethoprim/Sulfa	Vancomycin
<i>Enterococcus faecalis</i>	250	98	0	81	71	R	R	99	21	0	94
<i>Enterococcus faecium</i>	68	19	0	R	94	R	R	36	27	0	40
<i>Staphylococcus aureus</i> , all	1057	0	50	16	-	88	83	99	81	99	100
Oxacillin sensitive <i>Staph aureus</i> (MSSA)	528	0	100	32	-	95	84	100	94	99	100
Oxacillin resistant <i>Staph aureus</i> (MRSA)	529	0	0	0	-	82	81	98	68	98	100
Coagulase-negative <i>Staphylococcus</i>	143	0	45	22	-	82	65	100	77	71	100

STREP PNEUMONIAE <sup>1</sup>	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
N=	2	50	2	50
%S	100	100	100	100

Beta-hemolytic streptococci are universally susceptible to penicillin

<sup>1</sup> Includes all Inpatients and Outpatients

R= intrinsic resistance (inherent or innate antimicrobial resistance)