

SHARP GROSSMONT HOSPITAL EMERGENCY DEPT DISCHARGED ANTI BIOGRAM JANUARY - DECEMBER 2021

	No of isolates	Penicillins				Cephalosporins					Monobactams	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
<i>Citrobacter freundii</i>	64						92						98	97		94	94	
<i>Citrobacter koseri</i>	51			100	88			96	84				98	98		94	96	
<i>Enterobacter aerogenes</i>	90					82					91		97	98		99	93	
<i>Enterobacter cloacae</i>	165					84							98	96		96	92	
<i>Escherichia coli</i>	2006	50	69	56	83	78		84	82				88	87	76	77	74	
subset E.coli ESBL	315										100	98	57	49		27		
subset E. coli non-ESBL	1691							99					93	94		86	78	
<i>Klebsiella pneumoniae</i>	561			79	75			79	75				90	88		89	79	
subset Kl. pneumo ESBL	116										99	100	59	52		61		
subset K.pneum non-ESBL	445			95				97					98	97		96	99	
<i>Proteus mirabilis</i>	352	73	77	78	89	76		86	86				89	91		73	70	
<i>Proteus vulgaris</i>	23		80	74	100			52					100	100		91	91	
<i>Serratia marcescens</i>	72						83						97	82		85	92	
<i>Acinetobacter baumannii</i>	61			27				13		R	18	44	36	44		15		
<i>Pseudomonas aeruginosa</i>	416			87		84	85			81	86	98	85	97	82	80		
<i>Steno maltophilia</i>	48																100	
<i>Salmonella species</i> <sup>1</sup>	12	100						100								1	100	
<i>Shigella species</i> <sup>1</sup>	<10																	

	No. of Isolates	Penicillins			Amino-glycoside		Other					STREP PNEUMONIAE <sup>1</sup>	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
		Ampicillin	Oxacillin	Penicillin	Gentamicin Synergy	Gentamicin	Clindamycin	Nitrofurantoin (Urinary only)	Tetracycline (surrogate for doxycycline)	Trimethoprim/Sulfa	Vancomycin					
<i>Enterococcus faecalis</i>	266	99		80	68			99								
<i>Enterococcus faecium</i>	57	23		4	86			46								
<i>Staphylococcus aureus</i> , all	997		53	18	-	86	77		84	99	100					
Oxacillin sensitive <i>Staph aureus</i> (MSSA)	525		100	35	-	94	81		94	99	100					
Oxacillin resistant <i>Staph aureus</i> (MRSA)	472		0	0	-	78	73		72	98	100					
Coagulase-negative <i>Staphylococcus</i>	192		44	18	-	78	57		74	75	100					

	STREP PNEUMONIAE <sup>1</sup>	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
N=	27	27	26	26	26
%S	82	100	96	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)