

SHARP MEMORIAL HOSPITAL INPATIENT ANTIBIOGRAM January - December 2016

	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	
<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>	55	R	R	R		R	98						95	96		95	84		
<i>Citrobacter koseri</i>	34	R			100	100			100	94			100	100		97	97		
<i>Enterobacter aerogenes</i>	55	R	R	R		R	100			R			100	98		96	93		
<i>Enterobacter cloacae</i>	138	R	R	R		R	93			R			99	99		99	88		
<i>Escherichia coli</i>	1065	42	81	51	87	75			86	82			88	87	73	74	72		
subset <i>E. coli</i> ESBL	122										100	98	56	44		21			
subset <i>E. coli</i> non-ESBL	943				98				97				92	92		81	75		
<i>Klebsiella pneumoniae</i>	378	R			92	89			92	87			94	92		95	89		
subset <i>Kl. pneumo</i> ESBL	31	R									97	97	52	39		71			
subset <i>K. pneum</i> non-ESBL	347	R			100				100				98	97		97	93		
<i>Proteus mirabilis</i>	178	73	92	86	99	85			97	96			84	84		77	71		
<i>Proteus vulgaris</i>	13	R	82	83	100	R			85	R			100	100		100	100		
<i>Serratia marcescens</i>	47	R	R	R		R	100			R			100			94	94		
<i>Acinetobacter baumannii</i>	39	R	R	41		R			21		R	33		41	44	33	92		
<i>Pseudomonas aeruginosa</i>	249	R	R	R	99	R	92	93		R	R	85	91	100	92	99	87	86	R
<i>Steno maltophilia</i>	38	R	R	R	R	R				R	R	R	R	R					100
<i>Salmonella species</i> ¹	15	87							100							100	100		
<i>Shigella species</i> ¹	<10																		

	No. of Isolates	Penicillins			Aminoglycoside	Other							
		Ampicillin	Oxacillin	Penicillin	Gentamicin Synergy	Gentamicin	Clindamycin	Erythromycin	Levofloxacin (urinary only)	Nitrofurantoin (Urinary only)	Tetracycline (surrogate for doxycycline)	Trimethoprim/Sulfa	Vancomycin
<i>Enterococcus faecalis</i>	309	100	R	100	74	R	R		79	100			99
<i>Enterococcus faecium</i>	65	29	R	29	94	R	R		25	30			49
<i>Staphylococcus aureus</i> , all	606		63	18		92	76	52			96	99	100
Oxacillin sensitive <i>Staph aureus</i> (MSSA)	384		100	28		95	86	74			94	100	100
Oxacillin resistant <i>Staph aureus</i> (MRSA)	222		0	0		86	59	15			98	96	100
Coagulase-negative <i>Staphylococcus</i>	136		42	14		75	64	42			84	60	100

STREP PNEUMONIAE ¹	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
N=	<10	63	<10	63
%S		98		100

Beta-hemolytic streptococci are universally susceptible to penicillin

¹ Includes all Inpatients and Outpatients

R= intrinsic resistance (inherent or innate antimicrobial resistance)