

SHARP MEMORIAL HOSPITAL INPATIENT ANTIBIOGRAM January - December 2017

	No of isolates	Penicillins				Cephalosporins					Monoba	Carbape	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>	46	R	R	R		R	98		R				100	98		98	91	
<i>Citrobacter koseri</i>	36	R			100	94		94	86				100	100		100	92	
<i>Enterobacter aerogenes</i>	58	R	R	R		R	100		R				100	98		100	98	
<i>Enterobacter cloacae</i>	117	R	R	R		R	98		R				100	99		100	91	
<i>Escherichia coli</i>	1126	49	75	55	87	81		88	85				88	88	75	75	72	
subset <i>E. coli</i> ESBL	123									100		98	58	46			20	
subset <i>E. coli</i> non-ESBL	1003				97			98					91	93		81	75	
<i>Klebsiella pneumoniae</i>	363	R			90	88		92	86				95	93		97	87	
subset <i>Kl. pneumo</i> ESBL	33									100		100	64	42		79		
subset <i>K. pneum</i> non-ESBL	330				100			100					98	99		99	94	
<i>Proteus mirabilis</i>	228	78	89	86	97	85		94	94				86	90		81	75	
<i>Proteus vulgaris</i>	18	R	73	78	100			83	R				94	94		83	94	
<i>Serratia marcescens</i>	40	R	R	R		R	100		R				100			100	98	
<i>Acinetobacter baumannii</i>	39	R	R	39		R		31		R	49		44	46		44	80	
<i>Pseudomonas aeruginosa</i>	286	R	R	R	94	R	91	90		80	91	100	96	99	90	89		
<i>Steno maltophilia</i>	41	R	R	R	R	R				R	R	R	R	R			100	
<i>Salmonella species</i> <sup>1</sup>	11	100						100								100	100	
<i>Shigella species</i> <sup>1</sup>	<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>	322	100	R	99	75	R	R		81	99			93	98	97
<i>Enterococcus faecium</i>	58	45	R	40	86	R	R		35	53			R	64	
<i>Staphylococcus aureus</i> , all	674		61	18		91	75	51					93	98	100
Oxacillin sensitive <i>Staph aureus</i> (MSSA)	414		100	29		96	84	74					95	99	100
Oxacillin resistant <i>Staph aureus</i> (MRSA)	260		0	0		83	62	16					91	96	100
Coagulase-negative <i>Staphylococcus</i>	145		50	14		79	63	47					82	65	100

STREP PNEUMONIAE <sup>1</sup>	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
N=	0	75	0	75
%S		97		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)