

SHARP MARY BIRCH HOSPITAL NICU ONLY ANTIBIOGRAM January 2014- 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>	<10	R	R	R		R			R									
<i>Citrobacter koseri</i>	<10	R																
<i>Enterobacter aerogenes</i>	<10	R	R	R		R			R									
<i>Enterobacter cloacae</i>	34	R	R	R		R	100		R				100	100		100	100	
<i>Escherichia coli</i>	45	27	73	44	87	76			87	89					96	96	64	
subset <i>E. coli</i> ESBL	<10																	
subset <i>E. coli</i> non-ESBL	41				96				96				85	88		98	68	
<i>Klebsiella pneumoniae</i>	29	R			93	86			93	83			97	97		100	97	
subset <i>Kl. pneumo</i> ESBL	<10	R																
subset <i>K. pneum</i> non-ESBL	27	R			100				100				100	100		100	100	
<i>Proteus mirabilis</i>	<10																	
<i>Proteus vulgaris</i>	0	R				R			R									
<i>Serratia marcescens</i>	14	R	R	R		R	100		R				100			100	100	
<i>Acinetobacter baumannii</i>	<10	R	R			R			R	R								
<i>Pseudomonas aeruginosa</i>	20	R	R	R	100	R	100	100	R	R	100	100	90	100	100	100	R	
<i>Steno maltophilia</i>	13	R	R	R	R	R			R	R	R	R	R	R			100	
<i>Salmonella species</i> ¹	<10																	
<i>Shigella species</i> ¹	0																	

	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>	40	100	R	100	86	R	R		98	100		R	100
<i>Enterococcus faecium</i>	<10		R			R	R					R	
<i>Staphylococcus aureus</i> , all	105											100	100
Oxacillin sensitive <i>Staph aureus</i> (MSSA)	98		100	26		98	83	46				99	100
Oxacillin resistant <i>Staph aureus</i> (MRSA)	<10												
Coagulase-negative <i>Staphylococcus</i>	56		20	4		41	36	11				79	84

	STREP PNEUMONIAE ¹	Penicillin-meningeal	Penicillin-Non-meningeal	Ceftriaxone-meningeal	Ceftriaxone-Non-meningeal
N=					
%S					

Beta-hemolytic streptococci are universally susceptible to penicillin

¹ Includes all Inpatients and Outpatients

R= intrinsic resistance (inherent or innate antimicrobial resistance)