

North Zone QEII Hospital Antibigram January 1 / 16 - December 31 /16 % Susceptible	# Isolates	Penicillin		Ampicillin/Amoxicillin	Amox/Clav (oral)	Cloxacillin	Piperacillin	Cephalexin/Keflex (oral)	Cefazolin	Cefixime (oral)	Cefuroxime	Cefotaxime/Ceftriaxone	Ceftazidime	Ertapenem	Imipenem	Meropenem	Clindamycin	Erythromycin	Tetracycline	TMP/SMX	Levofloxacin	Ciprofloxacin	Nitrofurantoin (urine)	Vancomycin	Gentamicin	Tobramycin	Gent syn
		IV NM	IVM																								
<b>Gram Positive</b>																											
Enterococcus faecalis **	33			100				R	R	R	R	R	R				R			R				100	R	R	73
Enterococcus spp - (urines)	1236			82				R	R	R	R	R	R				R			R		83	92	99	R	R	
Staphylococcus aureus - ALL	1296					73		73	73				R				79		98	98				100			
Staphylococcus aureus MRSA* methicillin resistant	349					R		R	R				R				65		97	97				100			
Staphylococcus (Coag Neg) - ALL	88					53		53	53				R				60		96	75				100			
Staphylococcus lugdunensis	119					94		94	94				R				90		98	100				99			
Streptococcus agalactiae (Group B Strep)	39		100	100	100												36							100			
Streptococcus pneumoniae - ALL	81	86		100								96							83		100	100			100		
Streptococcus pneumoniae - Blood and CSF **	40		100	95								98												100			
Streptococcus pyogenes (Group A Strep)	42		100	100	100												55							100			
<b>Gram Negative</b>																											
Citrobacter freundii complex	60			R	R			R	R			#								88		93	92		95		
Citrobacter koseri **	41			R			R	R	R			#								98		100	77		100		
Enterobacter aerogenes	36			R	R			R	R			#								94		97	25		97		
Enterobacter cloacae complex	113			R	R			R	R			#								91		96	48		99		
Escherichia coli	3556			60	86			49	86	94		96								81		85	98		94		
Klebsiella oxytoca	89			R	93				34	97		96								94		97	81		98		
Klebsiella pneumoniae	428			R	95				96	98		97								96		94	36		99		
Morganella morganii	33			R	R			R	R			#							R	76		67	R		82		
Proteus mirabilis	137			88	100			91	89	100		100							R	95		95	R		96		
Pseudomonas aeruginosa	216			R	R		93	R	R	R	R	R	97	R	90	95				R		89			96	100	
Serratia marcescens **	42			R	R			R	R		R	#								100		98	R		100		
<b>Other</b>																											
Haemophilus influenzae	44			70								91	91						%		67						

# - These organisms may produce inducible B-lactamases. Use of B-lactams may result in clinical failure despite in vitro susceptibility

% - Macrolides generally have poor / no activity against H.influenzae (azithromycin/clarithromycin/erythromycin)

\* 27% of Staphylococcus aureus are MRSA (methicillin resistant)

\*\*Due to small number of annual isolates, analysis was performed using data obtained from Jan 1,2015 to Dec 31, 2016