

North Zone QEII Hospital Antibigram January 1 / 17 - December 31 /17 % Susceptible		# Isolates	Penicillin		Ampicillin/Amoxicillin	Amox/Clav (oral)	Cloxacillin	Piperacillin	Cephalexin/Keflex (oral)	Cefazolin	Cefixime (oral)	Cefuroxime	Ceftriaxone	Ceftazidime	Ertapenem	Imipenem	Meropenem	Clindamycin	Erythromycin	Tetracycline	TMP/SMX	Levofloxacin	Ciprofloxacin	Nitrofurantoin (urine)	Vancomycin	Gentamicin	Tobramycin	Gent syn
			IVNM	IVM									IVNM	IVM														
<b>Gram Positive</b>																												
Enterococcus faecalis **	34				100				R	R	R	R		R				R			R				100	R	R	80
Enterococcus spp - (urines)	1215				97				R	R	R	R		R				R			R		84	93	99	R	R	
Staphylococcus aureus - ALL	1225						74		74	74				R				80		98	97				100			
Staphylococcus aureus - MRSA*	321						R		R	R				R				71		98	97				100			
Staphylococcus (Coag Neg) - ALL	64						53		53	53				R				63		92	58				100			
Staphylococcus lugdunensis	91						99		99	99				R				88		98	100				100			
Streptococcus agalactiae (Group B Strep)	49	100			100	100												45							100			
Streptococcus pneumoniae - ALL	33	72	96	76	100							100	100	100					79		94	100			100			
Streptococcus pneumoniae - Blood and CSF **	29		100	92									100	100											100			
Streptococcus pyogenes (Group A Strep)	67	100			100	100												69							100			
<b>Gram Negative</b>																												
Citrobacter freundii complex	62				R	R			R	R		#									94		92	90		100		
Citrobacter koseri **	53				R			R	R			#									100	100	89		100			
Enterobacter aerogenes	43				R	R			R	R		#									100	98	14		100			
Enterobacter cloacae complex	108				R	R			R	R		#									89	92	50		99			
Escherichia coli	3567				60	84			94	86	94	95									83	83	98		94			
Klebsiella oxytoca	99				R	94			93	36	97	96									95	98	89		99			
Klebsiella pneumoniae	403				R	92			93	93	95	95									93	92	36		97			
Morganella morganii	39				R	R			R	R		#								R	72	77	R		90			
Proteus mirabilis	140				86	96			95	89	96	98								R	89	91	R		98			
Pseudomonas aeruginosa	223				R	R		94	R	R	R	R		97	R	96	96			R			89			97	100	
Serratia marcescens **	31				R	R			R	R		#									100		97	R		100		
<b>Other</b>																												
Haemophilus influenzae**	66				72							95							%	93	70							

# - 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)

\* 26% of Staphylococcus aureus are MRSA (methicillin resistant)

\*\*Due to a small number of annual isolates, analysis was performed using data obtained from Jan 1,2016 to Dec. 31, 2017