

Highland Hospital Antibiotic Susceptibility Profile

(Data Collected 7/1/2016 - 6/30/2017)

Percent of Isolates Susceptible to Achievable Serum Levels

Isolates from Inpatients and ED Patients

ORGANISM	No. of Non-Duplicate Isolates	Amikacin	Gentamicin	Tobramycin	Ampicillin	Amoxicillin-Clavulanate	Ampicillin-Sulbactam	Penicillin	Piperacillin-Tazobactam	Oxacillin	Imipenem	Meropenem	Ertapenem	Aztreonam	Cefazolin	Cefepime	Ceftriaxone	Vancomycin	Linezolid	Erythromycin	Clindamycin	TMP-SMZ	Ciprofloxacin	Moxifloxacin	Nitrofurantoin ^a	Tetracycline	Tigecycline	Minocycline	Fluconazole	Voriconazole	Caspofungin
<i>E. coli</i>	1031	100	89	97	54		75		97		99	99	99	95	89	98	94					75	79	81	98		100				
<i>Citrobacter diversus</i>	22	100	95	100	0				100		100	100	100	86	66	90	86					100	100	100	100		100				
<i>Kleb. pneumoniae</i>	247	100	95	99	0		88		95		98	99	98	94	91	97	94					93	97	97	82		100				
<i>Enterobacter aerogenes</i>	26	100	92	96	0				88			100	96	88	0	100	84					100	88		88		100				
<i>Serratia marcescens</i>	43	100	97	100	0						100	100	100	97	0	100	95					100	95	96	0		100				
<i>Proteus mirabilis</i>	190	100	99	100	82		97		100		90	100	100	98	84	97	96					82	85	82	0						
<i>Ps. aeruginosa</i>	225	98	92	94					92		86	91		86		96							80								
<i>S. maltophilia</i>	23																					91						100			
<i>Staph aureus</i>	538		99			53		16		53					53			100	100	35	69	97		89	100	96					
<i>Staph Coag Neg</i>	83		93			61		20		61					61			100	100	44	62			92	100	91					
<i>Strep pneumoniae</i>	20							75 ^c									100 ^c	100	100	80	100	94				95					
<i>Strep pneumoniae</i>	20							100 ^d									100 ^d	100	100	80	100	94				95					
<i>Enterococcus faecium</i>	20		75 ^e		5			5										45	100						90						
<i>Enterococcus faecalis</i>	117		69 ^e		99			99										95	100						100		100				
<i>Neisseria gonorrhoeae</i> ^f	18																100						77			66					
<i>Candida albicans</i> ^b	13																												100	100	100

^a Susceptible to levels achievable in urine only

^c Based on Interpretive Criteria for Meningitis

^e Susceptible to high level gentamicin

^b Blood isolates

^d Based on Interpretive Criteria for Non-Meningitis

^f Data from Strong Memorial Hospital