

TAPPAHANNOCK HOSPITAL ANTIBIOTIC SUSCEPTIBILITY TABLES
JANUARY – DECEMBER 2022
Department of Pathology - Microbiology/Immunology

Table 1. Activity of selected antibiotics against gram-positive cocci

Organism	Percentage (%) of Organisms Susceptible									
	Number Tested	Ampicillin	Oxacillin ^a	Vancomycin	Tetracycline	Clindamycin	TMP/SMX	Ceftaroline ^c	Daptomycin ^{b,c}	Linezolid
<i>Staphylococcus aureus</i>	58		65	100	89	80	100	100	100	100
<i>Enterococcus faecalis</i>	51	100		100					91	100

^a Staphylococci resistant to oxacillin (methicillin) are also resistant to penicillin, ampicillin, cefazolin, cefoxitin, ceftazidime, meropenem and all other beta-lactam antibiotics. Staphylococci species breakpoints are in use.

^b Respiratory tract isolates included in Daptomycin results though excluded from reporting per CLSI M100 guidelines.

^c Ceftaroline and Daptomycin results include Susceptible Dose Dependent (SDD) isolates.

Table 2. Activity of selected antibiotics against gram-negative bacilli

Organism	Percentage (%) of Organisms Susceptible											
	Number Tested	Ampicillin	Pip/Tazo ^c	Cefazolin	Cefepime	Ceftriaxone	Meropenem	Gentamicin	Ciprofloxacin	Levofloxacin	TMP/SMX	Nitrofurantoin
<i>Escherichia coli</i>	342		99	89	96	93	100	92	78	81	82	97
<i>Klebsiella pneumoniae</i>	72	IR	97	90	91	91	100	95	90	95	86	
<i>Proteus mirabilis</i> ^a	56	92	100	90	98	98	100	94	81	83	82	
<i>Pseudomonas aeruginosa</i>	37	IR	97		100	IR	97	97	83	70 ^b	IR	

IR = Intrinsic Resistance

^a *Proteus* species other than *Proteus mirabilis* are more resistant (similar to *Morganella* species).

^b Levofloxacin breakpoints for *Pseudomonas aeruginosa* are based on a dosage regimen of 750mg every 24 hours.

^c Piperacillin/tazobactam and Cefepime results include Susceptible Dose Dependent (SDD) isolates.

Data collected by the Clinical Microbiology Laboratory, Department of Pathology
CLSI M100-ed32 and M60-ed2 Interpretation breakpoints were applied unless otherwise stated.