TAPPAHANNOCK HOSPITAL ANTIBIOTIC SUSCEPTIBILITY TABLES
JANUARY – DECEMBER 2023
Department of Pathology - Microbiology/Immunology

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

Organism	Number Tested	Ampicillin	Oxacillin [a]	Vancomycin	Tetracycline	Clindamycin	TMP/SMX	Ceftaroline [c]	Daptomycin [b,c]	Linezolid
Staphylococcus aureus	66		65	100	89	76	98	100	100	100
Enterococcus faecalis	60	96		98						100	98

[a] Staphylococci resistant to oxacillin (methicillin) are also resistant to penicillin, ampicillin, cefazolin, cefoxitin, ceftriaxone, 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	Number Tested	Ampicillin	Amp/Sulb	Pip/Tazo [c]	Cefazolin	Cefepime	Ceftriaxone	Meropenem	Gentamicin	Ciprofloxacin	Levofloxacin	TMP/SMX	Nitrofurantoin
Escherichia coli	327		85	99	89	96	92	100	94	76	78	80	97
Klebsiella pneumoniae	87	IR	87	95	93	95	94	100	96	91	91	85	
Proteus mirabilis [a]	50	92	96	100	98	100	100	100	96	82	84	90	
Pseudomonas aeruginosa	43	IR	IR	97		97	IR	100		95	88[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-ed33 and M27M44-ed3 Interpretation breakpoints were applied unless otherwise stated.