

BMC Non-urine

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Integris Southwest Medical Center 2024 Non-Urine Antibigram Report

Cumulative Report: January-December 2024

SUSCEPTIBILITY PERCENTAGE (%) Percentages do not include intermediate calls.																								
Organism		Number of Isolates	Amikacin	Amoxicillin/Clav	Ampicillin	Ampicillin/Sulbactam	Cefepime	Ceftazidime	Ceftriaxone	Ciprofloxacin	Clindamycin	Erythromycin	Gentamicin	Gentamicin Synergy	Levofloxacin	Linezolid	Meropenem	Oxacillin (Nafcillin)	Penicillin	Piperacillin/Tazobactam	Tetracycline (Doxycycline)	Tobramycin	Trimeth/Sulfa	Vancomycin
GRAM POSITIVE	Enterococcus faecalis**	45			100									80		100			100					93
	Enterococcus faecium**	27			22									96		100			23					48
	Staphylococcus aureus*	428									73	37						51	13		90		96	100
	Staphylococcus epidermidis	40									40	28						18	3		88		40	100
	Staphylococcus lugdunensis	6									100	100						33	0		100		100	100
	Staphylococcus hominis	6									50	17						67	40		67		67	100
	Streptococcus pyogenes group A	34			100				100		82	82			97				100					100
	Streptococcus agalactiae group B	36			100				100		19	17			100				100					100
	Streptococcus pneumoniae***	48							100			69			98				84				83	100
GRAM NEGATIVE	Acinetobacter baumannii complex	13	100			85	38	31	0	54			85		54		69			46		100	77	
	Citrobacter freundii complex	10					100	40	40	100			100				100			60		100	100	
	Enterobacter aerogenes	11					100	64	64	100			100				100			64		100	100	
	Enterobacter cloacae complex	42					93	81	81	86			95				100			81		90	83	
	Escherichia coli	108			41	54	96	94	82	55			83				100			95		87	73	
	Haemophilus influenzae	4		75	75					100													100	
	Klebsiella oxytoca	14				0	100	100	86	86			86				100			100		86	86	
	Klebsiella pneumoniae	69				59	87	81	67	67			87				94			81		84	71	
	Morganella morganii	7					100	71	71	100			100				100			86		86	100	
	Proteus mirabilis	26					100	100	96	85			96				100			100		96	81	
	Pseudomonas aeruginosa	142	99				89	89		82			92				92			84		99		
	Serratia marcescens	11					100	100	82	91			100				100					100	100	
Blank = Not Tested or Not Clinically Indicated			Yellow shaded areas represent an eighty-five percent (85%) or greater susceptible drug																					

Organisms listed qualify as statistically significant. Statistically significant if defined as organisms with more than thirty (30) isolates per the Clinical Laboratory Standards Institute (Document M39-ED5-2022).

* 49% (211 of 427) of Staph aureus isolates were MRSA

** 52% (14 of 27) of E. faecium isolates & 7% (3 of 45) of E. faecalis isolates were Vancomycin resistant

*** Using Ceftriaxone and Penicillin non-meningitis breakpoints. Erythromycin and Trimeth/sulfa from non-blood/CSF sources only.

18% (19 of 108) of E.coli isolates & 33% (23 of 69) of K. pneumo isolates produced extended spectrum beta-lactamases (ESBL)

0% (0 of 108) of E. coli isolates, 6% (4 of 69) of K. pneumo isolates, & 8% (11 of 141) of P. aeruginosa isolates were identified as carbapenem-resistant