

BMC Non-urine

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Integris Baptist 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**	136			100									80		100			99					99
	Enterococcus faecium**	93			11									95		93			11					41
	Staphylococcus aureus*	938		54							72	39						54	16		87		94	100
	Staphylococcus epidermidis	179		29							56	38						29	4		83		62	100
	Staphylococcus lugdunensis	32		44							53	53						44	16		97		100	100
	Staphylococcus hominis	25		44							64	32						44	22		76		75	96
	Streptococcus pyogenes group A	42			100				100		86	86			98				100					100
	Streptococcus agalactiae group B	66			100				100		54	40			96				100					100
	Streptococcus pneumoniae***	83							99			83			96				85				74	100
GRAM NEGATIVE	Acinetobacter baumannii complex	22	100			86	64	55	18	73			95		77		77			41		100	91	
	Citrobacter freundii complex	27					100	67	63	89			96				100			74		93	89	
	Citrobacter koseri	8					100	100	100	100			100				100			88		100	100	
	Enterobacter aerogenes	29					97	83	76	93			100				93			79		100	100	
	Enterobacter cloacae complex	146					86	66	63	90			95				97			68		93	84	
	Escherichia coli	347			38	53	92	91	77	63			87				100			93		85	66	
	Haemophilus influenzae	12		100	85					100													67	
	Klebsiella oxytoca	39				62	100	97	85	90			92				100			90		95	97	
	Klebsiella pneumoniae	186				74	93	93	84	82			94				100			91		90	81	
	Morganella morganii	24				17	83	79	79	54			92				100			96		96	46	
	Proteus mirabilis	73			80	89	96	99	96	75			85				100			85		99	74	
	Pseudomonas aeruginosa	327	98				90	88		85			93				90			85		99		
	Serratia marcescens	49					98	98	92	98			100				100			95		96	98	
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).

* 46% (434 of 939) of Staph aureus isolates were MRSA

** 59% (55 of 93) of E. faecium isolates & 1% (2 of 136) of E. faecalis isolates were Vancomycin resistant

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

20% (80 of 347) of E.coli isolates & 16% (29 of 186) of K. pneumo isolates produced extended spectrum beta-lactamases (ESBL)

0.3% (1 of 347) of E. coli isolates, 0.5% (1 of 186) of K. pneumo isolates, & 10% (32 of 327) of P. aeruginosa isolates were identified as carbapenem-resistant