



## CUMULATIVE ANTIMICROBIAL SUSCEPTIBILITY REPORT

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Please note the following comments:

- All data is reported as percent fully susceptible
- First isolate per patient per organism is counted in the antibiogram
- 30 organisms are required to report susceptibilities on an antibiogram per CLSI guidelines. Some organisms were included in despite less than 30 organisms isolated
- When treating UTIs caused by *E. Coli*, *Klebsiella spp.*, and *Proteus spp.*, cefazolin can be used to predict results for the following oral agents: cephalexin (Keflex) and cefpodoxime (Vantin)
- Gentamicin susceptibilities for *enterococcus spp.* are for gram-positive synergy
- Non-urine coagulase-negative *staphylococcus* includes: *S. capitis*, *S. epidermidis*, *S. haemolyticus*, *S. hominis*, *S. lugdunensis*, and *S. saprophyticus*, *S. simulans*
- Urine coagulase-negative *staphylococcus* includes: *S. epidermidis*, *S. haemolyticus*, *S. lugdunensis*, and *S. saprophyticus*, *S. Simulans*
- Key: ESBL: Extended-spectrum beta-lactamase; CR: Carbapenem resistant; VRE: Vancomycin resistant enterococci; MR: Methicillin resistant; NA: Not available; R: Intrinsically resistant

### Non-Urine Culture Antibiogram

	# Isolates	Ampicillin	Cefazolin	Ceftriaxone	Ertapenem	Piperacillin/ tazobactam	Cefepime	Ciprofloxacin	Levofloxacin	Gentamicin	Oxacillin	Sulfamethoxazole/ trimethoprim	Clindamycin	Doxycycline	Vancomycin	Linezolid	Daptomycin
<b>Gram negative</b>																	
<i>Escherichia coli</i> (ESBL 12%)	78	50	NA	87	100	97	88	72	67	91	R	NA	R	R	R	R	R
<i>Klebsiella pneumoniae</i> (ESBL 26%)	34	R	NA	74	100	94	74	62	62	82	R	NA	R	R	R	R	R
<i>Proteus mirabilis</i>	26	81	NA	81	100	100	81	81	77	100	R	NA	R	R	R	R	R
<i>Pseudomonas aeruginosa</i> (CR 5%)	55	R	R	R	R	85	91	84	82	R	R	R	R	R	R	R	R
<b>Gram positive</b>																	
<i>Enterococcus faecalis</i> (VRE 0%)	22	100	R	R	R	100	R	NA	NA	86	NA	R	R	R	100	95	100
<i>Staphylococcus aureus</i>	245	R	66	NA	NA	NA	NA	NA	NA	R	66	95	79	96	100	100	100
MSSA (66%)	161	R	100	NA	NA	NA	NA	NA	NA	R	100	98	82	98	100	100	100
MRSA (34%)	83	R	R	NA	NA	NA	NA	NA	NA	R	R	90	78	95	100	100	100
Coagulase-negative staph (MR 45%)	217	R	55	NA	NA	NA	NA	NA	NA	R	55	65	62	86	99	100	99
<i>Staphylococcus epidermitis</i> (MR 59%)	44	R	41	NA	NA	NA	NA	NA	NA	R	41	50	53	82	99	100	99

### Urine Culture Antibiogram

	# Isolates	Amoxicillin/ clavulanate	Ampicillin	Cefazolin	Ceftriaxone	Ciprofloxacin	Gentamicin	Levofloxacin	Nitrofurantoin	Sulfamethoxazole/ trimethoprim	Oxacillin	Vancomycin
<b>Gram negative</b>												
<i>Enterobacter cloacae</i> complex	48	R	R	R	R	94	100	92	46	83	R	R
<i>Escherichia coli</i> (ESBL 13%)	455	84	50	83	86	67	92	64	98	73	R	R
<i>Klebsiella oxytoca</i> (ESBL 11%)	45	94	R	84	84	96	100	89	100	91	R	R
<i>Klebsiella pneumoniae</i> (ESBL 12%)	199	90	R	88	88	86	93	81	56	87	R	R
<i>Proteus mirabilis</i> (CR 0%)	109	82	61	81	61	76	94	82	R	67	R	R
<i>Pseudomonas aeruginosa</i> (CR 6%)	94	R	R	R	R	87	R	74	R	R	R	R
<b>Gram positive</b>												
<i>Enterococcus faecalis</i> (VRE 2%)	159	100	100	R	R	R	R	NA	99	R	NA	98
<i>Staphylococcus aureus</i> (MRSA 52%)	46	NA	R	48	NA	R	R	NA	98	96	48	100
Coagulase-negative staphylococcus	136	NA	R	56	R	R	R	NA	98	64	56	99