

VCMC ED / INPATIENT

VCMC ED/IP ANTIBIOGRAM 2021 GRAM NEGATIVE % SUSCEPTIBLE (of Isolates tested)	# of isolates tested	Amp/Sulbactam	Cefazolin*	Cefepime	Ceftazidime	Ceftriaxone	Ciprofloxacin	Ertapenem	Gentamicin	Levofloxacin	Meropenem	Nitrofurantoin*	Pip/Tazobactam	Tobramycin	Trimethoprim/Sulfa
<i>E. coli</i>	819	62	88	92	90	90	75	100	90	68	(100)	97	97	88	72
<i>Enterobacter cloacae</i>	39	0	0	92	N	N	95	95	100	90	(100)	46	87	100	85
<i>Klebsiella aerogenes</i>	18	0	0	100	N	N	100	100	100	94	(100)	6	82	100	100
<i>Klebsiella oxytoca</i>	21	62	71	95	90	86	95	100	90	95	(100)	90	90	90	90
<i>Klebsiella pneumoniae</i>	127	85	91	94	92	93	91	99	95	89	(99)	19	94	94	91
<i>Proteus mirabilis</i>	92	88	95	99	96	97	85	100	89	84	(100)	0	100	92	82
<i>Pseudomonas aeruginosa</i>	82	0	0	95	94	0	91	0	94	84	96	0	93	98	0

* Nitrofurantoin and Cefazolin: use only for the treatment of uncomplicated cystitis

Cefazolin results predict results for oral cephalexin and cefuroxime when used to treat uncomplicated cystitis.

X: not tested

N: not recommended

(): presumed susceptibility

10 % of *E. coli* are Extended Spectrum Beta Lactamase (ESBL) Producing

7% of *Klebsiella pneumoniae* are ESBL producing

VCMC ED/IP ANTIBIOGRAM 2021 GRAM POSITIVE % SUSCEPTIBLE (of Isolates tested)	# of isolates tested	Amox/Clavulanate	Amp/Sulbactam	Ampicillin	Cefazolin	Cefepime	Ceftriaxone	Ciprofloxacin	Clindamycin	Erythromycin	Levofloxacin	Oxacillin	Penicillin	Tetracycline	Trimethoprim/Sulfa	Vancomycin
<i>Staphylococcus aureus</i>	278	N	N	X	(69)	X	X	N	81	55	N	69	1	95	89	100
<i>Staphylococcus epidermidis</i>	14	N	N	X	(43)	X	X	N	36	36	N	43	X	93	71	100
<i>Enterococcus faecalis</i>	132	X	X	100	N	N	N	N	0	9	N	X	94	14	N	99
<i>Enterococcus faecium</i>	18	X	X	17	N	N	N	N	N	6	N	X	X	28	N	61

X: not tested

N: not recommended

(): presumed susceptibility

31 % of *Staphylococcus aureus* are Methicillin Resistant (MRSA)

69 % of *Staphylococcus aureus* are Methicillin Susceptible (MSSA)

Streptococcus pneumoniae: too few isolates to report

Data from isolate totals < 30 may be statistically unreliable

VCMC/SPH Antimicrobial Stewardship Committee 03/03/2022