

VCMC ED / INPATIENT

VCMC ED/IP ANTIBIOGRAM 2022 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>	906	62	88	91	89	89	76	100	90	69	(100)	97	97	89	71
<i>Enterobacter cloacae</i>	44	0	0	95	N	N	98	95	100	98	(100)	45	82	100	100
<i>Klebsiella aerogenes</i>	23	0	0	100	N	N	100	100	100	96	(100)	4	91	100	100
<i>Klebsiella oxytoca</i>	35	83	89	97	97	94	97	100	100	97	(100)	97	94	100	97
<i>Klebsiella pneumoniae</i>	155	82	89	91	90	90	93	100	95	89	(100)	17	94	94	90
<i>Proteus mirabilis</i>	103	84	89	96	93	93	84	99	95	84	(100)	0	100	94	87
<i>Pseudomonas aeruginosa</i>	113	0	0	87	82	0	87	0	92	78	91	0	81	97	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

11 % of *E. coli* are Extended Spectrum Beta Lactamase (ESBL) Producing.

10% of *Klebsiella pneumoniae* are ESBL producing.

VCMC ED/IP ANTIBIOGRAM 2022 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> (MSSA)	351	N	N	0	100	X	X	N	85	N	N	100	0	93	91	100
<i>Staphylococcus aureus</i> (MRSA)	107	0	0	0	0	0	0	N	76	N	N	0	0	85	91	100
<i>Staphylococcus epidermidis</i>	30	N	N	0	(45)	X	X	N	57	N	N	45	0	73	67	100
<i>Enterococcus faecalis</i>	171	X	X	100	0	0	0	N	0	13	N	X	X	28	0	99
<i>Enterococcus faecium</i>	20	X	X	30	0	0	0	N	0	0	N	X	X	45	0	60
<i>Streptococcus pneumoniae</i> (m)	16	X	X	X	X	X	94	N	94	81	100	X	63	94	81	100

X: not tested

N: not recommended

(): presumed susceptibility

(m): susceptibility results for Ceftriaxone and Penicillin if treating meningitis. If not treating meningitis, % susceptibility for Ceftriaxone and Penicillin is 100 %.

23 % of *Staphylococcus aureus* are Methicillin Resistant (MRSA).

77 % of *Staphylococcus aureus* are Methicillin Susceptible (MSSA).

Data from isolate totals < 30 may be statistically unreliable.