

VCMC ED / INPATIENT

VCMC ED/IP ANTIBIOGRAM 2023 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>	848	60	84	90	86	88	71	100	88	64	(100)	97	95	87	67
<i>Enterobacter cloacae</i>	49	0	0	92	N	N	97	92	100	95	(100)	51	84	100	92
<i>Klebsiella aerogenes</i>	31	0	0	97	N	N	97	97	100	97	(100)	13	94	97	100
<i>Klebsiella oxytoca</i>	29	72	86	100	97	93	93	100	97	93	(100)	86	93	97	90
<i>Klebsiella pneumoniae</i>	177	78	85	90	85	86	79	100	92	79	(100)	19	92	88	82
<i>Proteus mirabilis</i>	113	92	92	96	93	94	81	99	95	81	(100)	0	100	96	81
<i>Pseudomonas aeruginosa</i>	119	0	0	92	92	0	87	0	94	80	93	0	88	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

14 % of *E. coli* are Extended Spectrum Beta Lactamase (ESBL) Producing.

25% of *Klebsiella pneumoniae* are ESBL producing.

VCMC ED/IP ANTIBIOGRAM 2023 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)	193	N	N	0	(100)	X	X	N	84	N	N	100	0	93	89	100
<i>Staphylococcus aureus</i> (MRSA)	100	0	0	0	0	0	0	N	74	N	N	0	0	75	85	100
<i>Staphylococcus epidermidis</i>	24	N	N	0	(38)	X	X	N	46	N	N	33	0	79	58	96
<i>Enterococcus faecalis</i>	165	X	X	100	0	0	0	N	0	8	N	X	X	23	0	100
<i>Enterococcus faecium</i>	20	X	X	40	0	0	0	N	0	0	N	X	X	40	0	65
<i>Streptococcus pneumoniae</i> (m)	14	X	X	X	X	X	93	N	79	71	100	X	57	71	86	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%.

34% of *Staphylococcus aureus* are Methicillin Resistant (MRSA).

66% of *Staphylococcus aureus* are Methicillin Susceptible (MSSA).

Data from isolate totals < 30 may be statistically unreliable.

VCMC/SPH Antimicrobial Stewardship Committee 03/14/2024