

# Vancouver Acute Antibiogram

## 1 January 2022 - 31 December 2022



### ALL GRAM POSITIVE ORGANISMS

	N	Penicillin*	Ampicillin/ Amoxicillin†	Cloxacillin ‡	Cefazolin/ Cephalexin	Ceftriaxone	Doxycycline	Macrolides	Clindamycin	Trimethoprim- Sulfamethoxazole	Moxifloxacin	Vancomycin
<i>Staphylococcus aureus</i> (all)	1096		78	78		98	68	80	93	82	100	
methicillin-susceptible	842		100	100		99	77	82	96	93	100	
methicillin-resistant	238		0	0		95	37	72	81	41	100	
<i>Staphylococcus lugdunensis</i>	106		92	92		99	85	88	99	92	100	
<i>Staphylococcus epidermidis</i>	173		36	36		88	34	50	55	64	100	
All CoNS	1113 <sup>R</sup>		68	68		95	64	74	80	82	100	
Viridans group <i>Streptococcus</i>	139	89	89			99	75	76			98	100
<i>Streptococcus pneumoniae</i> (non-meningitis)	140 <sup>R</sup>	99	99			100	50	63			100	100
<i>Streptococcus pneumoniae</i> (meningitis)	40 <sup>R</sup>	50				100						
<i>Streptococcus pyogenes</i> (GAS)	114	100	100	100	100	100	72	78	78		100	100
<i>Streptococcus agalactiae</i> (GBS)	345 <sup>R</sup>	100		100	100	100	27	58	57		97	100
<i>Enterococcus faecalis</i>	830		100				39					99
<i>Enterococcus faecium</i>	271		9				73					50
vancomycin-susceptible <i>E. faecium</i>	108		20				69					100
vancomycin-resistant <i>E. faecium</i>	163		2				76					0

\* penicillin predicts all beta lactams for streptococci †= ampicillin predicts piperacillin and imipenem for Enterococci

R= regional data ‡ cloxacillin predicts amoxicillin-clavulanate, piperacillin-tazobactam and carbapenems for Staphylococci

### ALL GRAM NEGATIVE ORGANISMS

	N	Amoxicillin/ Ampicillin	Amoxicillin- Clavulanate	Cefazolin*	Ceftriaxone	Ceftazidime	Trimethoprim- Sulfamethoxazole	Ciprofloxacin	Gentamicin	Piperacillin- Tazobactam	Meropenem	Nitrofurantoin (urine)
<i>Escherichia coli</i>	2069	54	85	78	83		78	70	90	97	99	98
ICU <i>E. coli</i>	67	30	73	48	55		55	55	87	85	99	96
<i>Klebsiella pneumoniae</i>	510	0	88	77	80		77	80	95	92	97	32
ICU <i>K. pneumoniae</i>	49	0	78	69	78		69	73	92	86	92	45
<i>Klebsiella oxytoca</i>	141	0	79	75	81		86	89	94	82	94	79
<i>Proteus mirabilis</i>	251	74	93	49	94		79	77	85	99	99	0
<i>Enterobacter cloacae</i>	134	0	0	0	45		87	91	96	59	96	14
<i>K. aerogenes</i> (prev. <i>Enterobacter</i> )	210 <sup>R</sup>	0	0	0	72	73	97	94	100	75	98	20
<i>Serratia marcescens</i>	204 <sup>R</sup>	0	0	0	95	99	99	94	98	99	98	0
<i>Morganella morganii</i>	161 <sup>R</sup>	0	0	0	89	90	82	78	90	99	98	0
<i>Citrobacter freundii</i> (complex)	172 <sup>R</sup>	0	0	0	56	56	81	80	85	74	94	93
<i>Citrobacter koseri</i>	138 <sup>R</sup>	0	98	91	99	99	99	100	100	100	100	36
<i>Pseudomonas aeruginosa</i>	401					84		88	97	87	90	
ICU <i>P. aeruginosa</i>	33					73		90	100	79	79	
<i>Acinetobacter</i> spp.	125					85	94	99	94	96	99	

\*cefazolin predicts ceftazidime if ceftazidime not reported

<100 isolates provide less reliable results, regional results (R) used if possible