

**BC Children's Hospital and
BC Women's Hospital & Health Centre**



CUMULATIVE ANTIBIOGRAM

2020

**Division of Medical Microbiology
Department of Pathology and Laboratory Medicine**

GRAM-POSITIVE BACTERIA	Total Number of Isolates (N)*	PERCENTAGE (%) OF SUSCEPTIBLE CLINICAL ISOLATES														
		Ampicillin	Amox/Clav	Penicillin	Oxacillin	Cefazolin	Cephalexin	Ceftriaxone (CNS)	Ceftriaxone	Vancomycin	Erythromycin	Clindamycin	Trimeth/Sulfa	Doxycycline	Nitrofurantoin#	Linezolid
<i>Enterococcus faecalis</i>	84	100				R	R			100					100	100
<i>S. aureus</i> – all isolates	685		90		90	90				100	80	83	95	97		100
MSSA isolates only	624		100		100	100				100	83	84	98	98		100
MRSA isolates only	71	R	R	R	R	R	R		R	100	49	75	90	88		99
Coagulase Negative <i>Staphylococcus</i>	64				36	36				100			72			100
<i>Streptococcus pneumoniae</i> † **	17			100					100	100		63	81			
Viridans Group Streptococci (<i>S. mitis</i> , <i>S. mutans</i> , <i>S. bovis</i> , <i>S. salivarius</i> , and <i>S. sanguinis</i> groups)	37			76					97	100						
<i>Streptococcus pyogenes</i> (Group A)	159			100								82	85			

GRAM-NEGATIVE BACTERIA	Total Number of Isolates (N)*	PERCENTAGE (%) OF SUSCEPTIBLE CLINICAL ISOLATES												
		Ampicillin	Amox/Clav	Pip/Tazobactam	Cefazolin	Cephalexin	Cefotaxime	Ceftazidime	Meropenem	Gentamicin	Tobramycin	Trimeth/Sulfa	Ciprofloxacin	Nitrofurantoin#
<i>Escherichia coli</i> (all sites)	465	54	53	98	61 ‡		88		100	89	90	72	85	
<i>Escherichia coli</i> (urine only)	423	55	54	99		87 §	89		100	90	91	73	86	99
<i>Klebsiella pneumoniae</i>	39	R	84	95	92 ‡	92 §	97		100	95		77	86	67
<i>Enterobacter cloacae</i> complex (<i>E. asburiae</i> , <i>E. cloacae</i> , <i>E. kobei</i>)	33	R	R		R				100	100	100	85	100	43
<i>Proteus mirabilis</i> **	26	81	92	100	0 ‡	100 §	100		100	89	92	93	96	0
<i>Pseudomonas aeruginosa</i>	85	R	R	74	R	R	R	89	94	92	98	R	89	R
<i>Haemophilus influenzae</i>	52	58	75				94					73		

Data in this 2020 antibiogram include only the first isolate for a given patient. Susceptibility rates cannot be compared directly with annual antibiograms prior to 2018.

For less common organisms not in this annual antibiogram, refer to the [3-year antibiogram](#)

Legend

- R This organism is intrinsically resistant to this antibiotic
- * Not all isolates had susceptibility testing for all antibiotics
- # Tested on urine isolates only; should only be used for treatment of simple cystitis
- ¶ Statistically significant decrease in susceptibility of more than 10%
- † Susceptibilities reflect non-CNS infection breakpoints (except where indicated)
- ** Due to small number of annual isolates, interpret with caution
- ‡ Based on non-urine isolates only
- § Result only applicable to uncomplicated urinary tract infection