

# Baycrest Hospital ANTIBIOGRAM

## All Inpatients

### January 1, 2023 - December 31, 2023

#### All Non-Urine Isolates – % Susceptible

	#	%	Antibiotics																			
			Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin

<b>ALL BACTERIA</b>	224	—	6	16	62	70	45	24	35										60					
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ALL GRAM-NEGATIVE BACTERIA	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
<b>ALL GRAM-NEGATIVE BACTERIA</b>	117	100	3	21	72	94	44	5	26					76					71		31	90	86	93	
<i>Pseudomonas aeruginosa</i>	65	56				86	89							91					88			94	97	94	
<i>Escherichia coli</i>	16	14	15	38	50	100	100			15	62			62					38		56	88	69	92	
<i>Klebsiella pneumoniae</i>	16	14	0	50	50	100	100			8	50			50					56		69	81	60	100	
<i>Proteus mirabilis</i>	15	13	11	71	80	100	100			11	80			80					53		73	80	78	78	
<i>Enterobacter cloacae</i>	2	2	0	0	0	100	100			0	0			0					100		100	100	100	100	
<i>Morganella morganii</i>	1	1	0	0	0	100	100			0	0			0					0		100	100	100	100	
<i>Providencia stuartii</i>	1	1	0	0	0	100	100			0	0			0					0		100	100	100	100	
<i>Citrobacter braakii</i>	1	1	0	0	0	100	100			0	0			0					100		100	100	100	100	

ALL GRAM-POSITIVE BACTERIA	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid	
<b>ALL GRAM-POSITIVE BACTERIA</b>	107	100	9	9	4	50	45	45	41	45	45								75	71				93		100
<i>Staphylococcus aureus</i> , all isolates	57	53				77	77	77	77	77					63	56					98				100	100
- methicillin-susceptible	44	41				100	100	100	100	100					61	59					98				100	100
- methicillin-resistant (MRSA)	13	12				0	0	0	0	0					69	46					100				100	100
Coagulase-negative staphylococci	40	37				0	0	0	0	0					100	100					100				100	100
<i>Enterococcus faecalis</i> , all isolates	6	6	100	100		100																			100	
Group B streptococci**	3	3			100										100	100									100	
Group G streptococci**	1	1			100										100	100									100	

**General Notes:**

- Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
- Some organisms for which there were only very small numbers have been excluded from this report; however the total number of "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" listed includes these organisms.
- Reported susceptibilities for "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" reflect estimates only based on the weighted average of susceptibilities for all organisms included on this report as well as those that have been excluded, with assumptions made for those drugs for which susceptibilities were not tested.
- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

**Organism-Specific Notes:**

\*\* Beta-hemolytic streptococci: Susceptibility testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.

# Baycrest Hospital ANTIBIOGRAM

## All Inpatients

### January 1, 2023 - December 31, 2023

#### All Urine Isolates – % Susceptible

		<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: left;"> <p>≥80% Susceptible <span style="color: green;">■</span></p> <p>70-79% Susceptible <span style="color: yellow;">■</span></p> <p>≤69% Susceptible <span style="color: red;">■</span></p> </div> <div style="text-align: center;"> <p>#      %</p> </div> </div>														Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Cephalexin	Ceftriaxone	Ceftazidime	Doxycycline	Ciprofloxacin	Trimethoprim-Sulfamethoxazole	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
<b>ALL BACTERIA</b>		326	—	24	55	67	77	70	8	1	43		24	57	47	56																			
<b>ALL GRAM-NEGATIVE BACTERIA</b>		251	100	9	49	63	98	89	9		54	63	19	55	59	47	79	53	85																
<i>Escherichia coli</i>		97	39	5	55	63	100	100	5		63	63	50	46	69	94	85	45	91																
<i>Proteus mirabilis</i>		52	21	33	78	83	100	100	32	0	82	82	0	37	38	4	52	64	64																
<i>Klebsiella pneumoniae</i>		45	18	0	61	64	100	100	0		68	68		60	64	30	91	12	88																
<i>Pseudomonas aeruginosa</i>		25	10			84	80				84			80			80	96	96																
<i>Enterobacter cloacae</i>		8	3	0	0	0	100	100	0	0	0	0		100	100	62	100	100	100																
<i>Providencia stuartii</i>		8	3	0	0	0	100	100	0	0	0	0		50	100	0	88	88	100																
<i>Morganella morganii</i>		5	2	0	0	0	100	100	0	0	0	0		80	100	20	60	60	100																
<i>Klebsiella oxytoca</i>		3	1	0	67	67	100		0		67	67		100	100	67	100																		
<i>Serratia marcescens</i>		3	1	0	0	0	100	100	0	0	0	0		100	100	0	100	100	100																
<i>Citrobacter koseri</i>		3	1	0	0	33	100	100	0	0	0	0		100	100	100	100	100	100																
<i>Citrobacter freundii</i>		2	1	0	0	0	100	100	0	0	0	0		100	100	50	100	100	100																
<b>ALL GRAM-POSITIVE BACTERIA</b>		75	100	75	75	80	5	5	5	5	5	5		42	65	7	84				95														
<i>Enterococcus faecalis</i> , all isolates		52	69	100	100	100								37	83		100				100														
<i>Enterococcus faecium</i> , all isolates		17	23	18	18	18								47	29		30				76														
- vancomycin-susceptible		13	17	23	23	23								62	38		31				100														
- vancomycin-resistant (VRE)		4	5	0	0	0								0	0		25				0														
<i>Staphylococcus aureus</i> , all isolates		5	7			80	80	80	80	80	80			60		100	100				100														
- methicillin-susceptible		4	5			100	100	100	100	100	100			50		100	100				100														
- methicillin-resistant (MRSA)		1	1			0	0	0	0	0	0			100		100	100				100														
<i>Enterococcus casseliflavus</i>		1	1	100	100	100								100	100		100				100														

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