

Toronto Rehab - E. W. Bickle Site ANTIBIOGRAM
All Inpatients
January 1, 2016 - December 31, 2016

All Urine Isolates – % Susceptible

			<div> <div>≥80% Susceptible</div> <div>70-79% Susceptible</div> <div>≤69% Susceptible</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
ALL BACTERIA	132	—	41	70		82	74	67			39	57		11	60	57	61					
ALL GRAM-NEGATIVE BACTERIA	95	100	27	67		80	99	89			50	75	85		65	75	50	92	86	98		
<i>Escherichia coli</i>	44	46	32	77		82	100	100			39	89	89		57	86	89	89	82	98		
<i>Klebsiella pneumoniae</i>	18	19	0	72		78	100	100			72	83	83		89	78	17	100	89	100		
<i>Proteus mirabilis</i>	16	17	75	100		100	100	100			100	100	100		50	81	0	100	100	100		
<i>Pseudomonas aeruginosa</i>	10	11				90	90						100		70			90	90	90		
<i>Enterobacter cloacae</i>	2	2	0	0		0	100	100			0	0	0		100	50	50	50	50	100		
<i>Citrobacter koseri</i>	2	2	0	0		0	100	100			0	0	0		100	100	100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	37	100	76	76		86	11	11	11	11	11	11			41	46	14	89			100	100
<i>Enterococcus faecalis</i> , all isolates	27	73	100	100		100									30	63		96			100	
- vancomycin-susceptible	27	73	100	100		100									30	63		96			100	
- vancomycin-resistant (VRE)	0	0																				
<i>Staphylococcus aureus</i> , all isolates	5	14				80	80	80	80	80	80				100		100	100			100	100
- methicillin-susceptible	4	11				100	100	100	100	100	100				100		100	100			100	100
- methicillin-resistant (MRSA)	1	3				0	0	0	0	0	0				100		100	100			100	100
<i>Enterococcus faecium</i> , all isolates	3	8	0	0		0									67	0		33			100	
- vancomycin-susceptible	3	8	0	0		0									67	0		33			100	
- vancomycin-resistant (VRE)	0	0																				
- vancomycin-susceptible (vanA+)	0	0																				
<i>Enterococcus</i> species	2	5	50	50		50									0	0		50			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.

Year-Specific Notes:

- Susceptibility for cefazolin are not available for Gram-negative isolates from non-sterile site specimens for the current year.

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All Inpatients
January 1, 2016 - December 31, 2016

All Non-Urine Isolates — % Susceptible

			<div>≥80% Susceptible</div> <div>70-79% Susceptible</div> <div>≤69% Susceptible</div>																							
	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Penicillin IV (meningitis)	Penicillin IV (non-meningitis)	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid	
ALL BACTERIA	38	—	21	26				90	97	47			58							53						
ALL GRAM-NEGATIVE BACTERIA	26	100	23	31				85	96	23			46	96				90		30	90	90	95			
<i>Pseudomonas aeruginosa</i>	13	50						77	92					92				92			92	92	100			
<i>Escherichia coli</i>	4	15	50	100				100	100	100			100	100				75		75	75	75	100			
<i>Moraxella catarrhalis</i> ^	4	15																								
<i>Haemophilus influenzae</i> ^^	2	8	100																							
<i>Proteus mirabilis</i>	2	8	100	100				100	100	100			100	100				100		100	100	100	100			
ALL GRAM-POSITIVE BACTERIA	12	100	17	17	17			100	100	100	83	100	83		50	50				100					100	
<i>Staphylococcus aureus</i> , all isolates	10	83						100	100	100	100	100			50	50	100			100				100	100	
- methicillin-susceptible	10	83						100	100	100	100	100			50	50	100			100				100	100	
- methicillin-resistant (MRSA)	0	0																								
<i>Streptococcus pneumoniae</i>	2	17				100	100								50	50			50					100		

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Year-Specific Notes:

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Organism-Specific Notes:

[^] *M. catarrhalis*: Susceptibility testing is not routinely performed. Most isolates are resistant to ampicillin and amoxicillin but are generally susceptible to other antibiotics commonly used for respiratory infections.

^{^^} *H. influenzae* and *H. parainfluenzae*: Susceptibility to ampicillin was determined using beta-lactamase testing. Beta-lactamase-positive isolates are resistant to ampicillin but are generally susceptible to amoxicillin-clavulanic acid and cefuroxime.