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

All Urine Isolates - % Susceptible Amoxicillin-Clavulanic acid Piperacillin-Tazobactam ≥80% Susceptible 70-79% Susceptible ≤69% Susceptible Ciprofloxacin Doxycycline

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	
Escherichia coli	44	46	32	77	82	100	100	39	89	89		57	86	89	89	82	98	
Klebsiella pneumoniae	18	19	0	72	78	100	100	72	83	83		89	78	17	100	89	100	
Proteus mirabilis	16	17	75	100	100	100	100	100	100	100		50	81	0	100	100	100	
Pseudomonas aeruginosa	10	11			90	90				100		70			90	90	90	
Enterobacter cloacae	2	2	0	0	0	100	100	0	0	0		100	50	50	50	50	100	
Citrobacter koseri	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
Enterococcus faecalis, 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																
Staphyloccocus aureus, 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
Enterococcus faecium, 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																
Enterococcus 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- ${\tt NEGATIVE\ BACTERIA",\ and\ "ALL\ GRAM-POSITIVE\ BACTERIA"\ listed\ includes\ these\ organisms.}$
- > 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.

Prepared by University Health Network/Mount Sinai Hospital Department of Microbiology

August 08, 2017

Vancomycin

Amikacin

Trimethoprim-Sulfamethoxazole

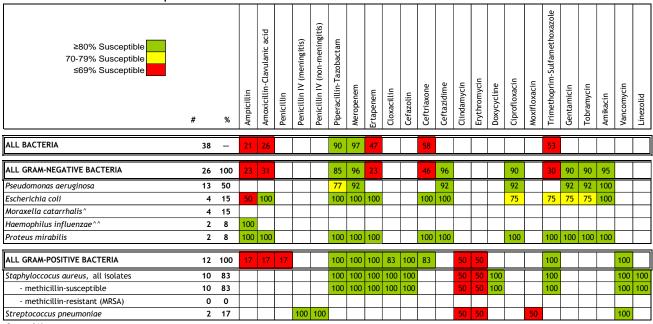
Gentamicin

Ceftriaxone

Cephalexin Cefazolin

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All Non-Urine Isolates - % Susceptible



General Notes:

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- > 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.

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.

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