Blood Isolates — % Susceptible

Blood Isolates — % Susceptible																							
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	bilozedi l
ALL BACTERIA	138	_	8	17		37	43	41		27	32							32					
ALL GRAM-NEGATIVE BACTERIA	25	400		2.4		20	0.4	77		20	20	44				- (0		24	- / 0	- (0	0.4	=	Ē
	35	100		34		38	84	77		20	38	46				60		31	69	69	91		_
Klebsiella pneumoniae	11	31	0	64		55	91	91		36	64	64				73		27	64	64	100		<u> </u>
Escherichia coli	10	29	0	50		50	90	90		30	50	50				40		10	70	70	100		<u> </u>
Pseudomonas aeruginosa	3	9				33	33					33				67			100	100	100		<u> </u>
Serratia marcescens	3	9	0	0		0	100	100		0	0	0				100		100	100	100	100		
Burkholderia cepacia	3	9					50					100						33					<u> </u>
ALL GRAM-POSITIVE BACTERIA	103	100	11	11	3	37	29	29	26	29	30		45	33				32				90	
Coagulase-negative staphylococci	65	63				31	31	31	31	31			62	46	92			38				100	10
Enterococcus faecium, all isolates	19	18	5	5		5																47	
- vancomycin-susceptible	9	9	11	11		11																100	П
- vancomycin-resistant (VRE)	10	10	0	0		0																0	10
- vancomycin-susceptible (vanA+)	0	0																					
Staphyloccocus aureus, all isolates	8	8				88	88	88	88	88			50	38	100			88				100	10
- methicillin-susceptible	7	7				100	100	100	100	100			57	43	100			86				100	10
- methicillin-resistant (MRSA)	1	1				0	0	0	0	0			0	0	100			100				100	10
Enterococcus faecalis, all isolates	6	6	100	100		100																100	
- vancomycin-susceptible	6	6	100	100		100																100	
- vancomycin-resistant (VRE)	0	0																					
Viridans group streptococci°	4	4			75						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.
- \succ Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

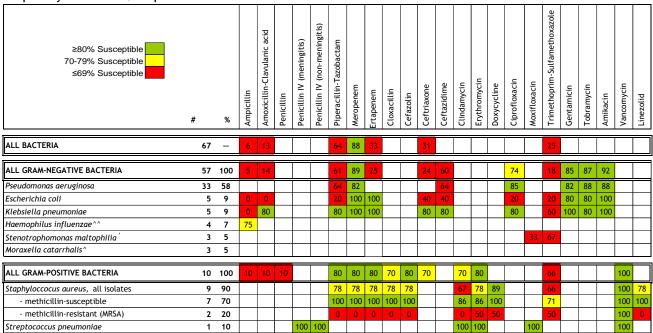
Year-Specific Notes:

> Only a limited number of coagulase negative staphylococci isolates were tested for susceptibilities. The vast majority of coagulase-negative staphylococci are susceptible to vancomycin. If you have any questions, please contact the UHN/MSH Department of Microbiology.

Organism-Specific Notes:

° Viridans group streptococci: Please note that only a small proportion of these isolates were tested for susceptibilities. Please take this into consideration when interpreting the reported results.

Respiratory Isolates - % Susceptible



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.

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.
- ' S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

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

Saturday, November 03, 2018

Skin, Wound and Abscess Isolates - % Susceptible

Skin, Wound and Abscess Isolates —	∕₀ Jusc	eptil	ΛC																				
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA	55	_	4	9		49	62	38			27							36					
ALL GRAM-NEGATIVE BACTERIA	25	100		12		52	88	36			12	56				72		28	92	96	100		
Pseudomonas aeruginosa	14	56				71	86					79				64			93	100	100		
Enterobacter cloacae	4	16	0	0		0	100	75			0	0				100		100	100	100	100		
Escherichia coli	3	12	0	33		33	67	67			33	33				33		0	100	100	100		
Klebsiella pneumoniae	2	8	0	100		100	100	100			100	100				100		50	50	50	100		
Klebsiella oxytoca	1	4	0	0		0	100	100			0	0				100		100	100	100	100		
Serratia marcescens	1	4	0	0		0	100	100			0	0				100		100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	30	100	7	7		47	40	40	40	40	40		30	27				43				70	
Enterococcus faecium, all isolates	12	40	8	8		8																25	
- vancomycin-susceptible	3	10	33	33		33																100	
- vancomycin-resistant (VRE)	9	30	0	0		0																0	100
- vancomycin-susceptible (vanA+)	0	0																					
Staphyloccocus aureus, all isolates	11	37				100	100	100	100	100			82	73	100			91				100	100
- methicillin-susceptible	11	37				100	100	100	100	100			82	73	100			91				100	100
- methicillin-resistant (MRSA)	0	0																					
Coagulase-negative staphylococci	6	20				17	17	17	17	17			0	0	100			50				100	100
Enterococcus faecalis, all isolates	1	3	100	100		100																100	
- vancomycin-susceptible	1	3	100	100		100																100	
- vancomycin-resistant (VRE)	0	0																					_

General Notes:

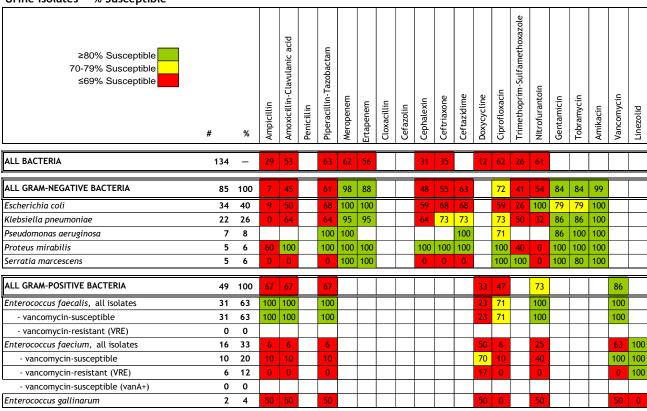
- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
- > Some organisms for which there were only very small numbers have been excluded 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.
- ${\color{red}\succ} \ {\color{blue} Susceptibility} \ to \ doxycycline \ was \ predicted \ based \ on \ tetracycline \ susceptibility \ testing \ results.$

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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Urine Isolates - % Susceptible



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.
- ightharpoonup 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

Saturday, November 03, 2018