Blood Isolates — % Susceptible							1	1															,
≥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
																							\equiv
ALL BACTERIA	294	_	9	12		38	41	38		27	34							47					
ALL GRAM-NEGATIVE BACTERIA	51	100	10	24		35	94	73		12	35	43				77		59	92	90	92		
Escherichia coli	13	25	8	31		31	85	77		25	54	54				54		54	92	85	85		
Pseudomonas aeruginosa	7	14				71	86					71				100			86	100	71		
Klebsiella pneumoniae	7	14	0	43		43	100	100		43	71	71				57		71	100	71	100		
Enterobacter cloacae	7	14	0	0		0	100	71		0	0	0				86		100	100	100	100		
Serratia marcescens	5	10	0	0		0	100	100		0	0	0				100		100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	243	100	9	9	1	39	31	31	30	31	34		43	30				44				97	
Coagulase-negative staphylococci	159	65				33	33	33	33	33			50	33	50			50				100	100
Enterococcus faecium, all isolates	32	13	3	3		3																78	
- vancomycin-susceptible	25	10	4	4		4																100	
- vancomycin-resistant (VRE)	7	3	0	0		0																0	100
Staphyloccocus aureus, all isolates	23	9				87	87	87	87	87			83	70	100			100				100	100
- methicillin-susceptible	20	8				100	100	100	100	100			80	75	100			100				100	100
- methicillin-resistant (MRSA)	3	1				0	0	0	0	0			100	33	100			100				100	100
Enterococcus faecalis	19	8	100	100		100																100	
Viridans group streptococci°	8	3									100											100	

General Notes:

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- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.
- > ICUs include MSICU, CCU, CVICU.

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

Respiratory isolates – % suscepti	DIE																										
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Penicillin IV (meningitis)	Penicillin IV (non-meningitis)	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
																											=
ALL BACTERIA	379	_	11	24				72	91	56		29	58									67					<u> </u>
ALL GRAM-NEGATIVE BACTERIA	278	100	14	31				64	91	43		6	44			64				72		54	86	85	90		
Pseudomonas aeruginosa	80	29						75	79							75				74			78	86	79		
Escherichia coli	34	12	27	47				50	97	96		8	65			65				62		50	82	73	100		
Haemophilus influenzae^^	34	12	82																								
Klebsiella pneumoniae	29	10	0	83				83	100	100		43	93			93				90		93	93	91	100		
Stenotrophomonas maltophilia	24	9																			67	96					
Enterobacter cloacae	19	7	0	0				0	100	84		0	0			0				100		95	100	100	100		
Serratia marcescens	14	5	0	0				0	100	100		0	0			0				100		100	100	93	100		
Klebsiella oxytoca	13	5	0	69				69	100	100		20	77			77				92		92	100	89	100		
Moraxella catarrhalis^	12	4																									L
ALL GRAM-POSITIVE BACTERIA	101	100	4	4	4			91	91	91	87	91	92				80	67				97				98	Г
Staphyloccocus aureus, all isolates	95	94						93	93	93	93	93					79	66	94			98				99	100
- methicillin-susceptible	88	87						100	100	100	100	100					80	70	95			99				99	100
- methicillin-resistant (MRSA)	7	7						0	0	0	0	0					71	14	83			86				100	100
Streptococcus pneumoniae	5	5				80	80							100	100		100	100			100					100	

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- ${\color{red} \blacktriangleright} \ \ \text{Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results}.$
- > ICUs include MSICU, CCU, CVICU.

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

September 10, 2020

Skin, Wound and Abscess Isolates — % Susceptible

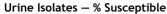
Skin, Wound and Abscess Isolates -	– // Jusc	eptit	ηC																				
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	linezolid
ALL BACTERIA	57	_	9	19		46	51	49		22	37							51					
																							Ξ
ALL GRAM-NEGATIVE BACTERIA	24	100	8	33		54	79	75		11	46	63				63		54	92	95	87		
Escherichia coli	8	33	25	62		75	100	100		33	75	75				38		38	88	86	86		
Pseudomonas aeruginosa	6	25				67	33					67				33			83	100	67		
Klebsiella pneumoniae	5	21	0	60		60	80	100		0	80	80				100		100	100	100	100		
Klebsiella oxytoca	2	8	0	0		0	100	100		0	50	50				100		100	100	100	100		
Enterobacter cloacae	1	4	0	0		0	100	100		0	0	0				100		100	100	100	100		
Serratia marcescens	1	4	0	0		0	100	100		0	0	0				100		100	100	100	100		
Citrobacter koseri	1	4	0	0		0	100	100		0	0	0				100		100	100	100	100		L
ALL GRAM-POSITIVE BACTERIA	33	100	9	9		39	30	30	30	30	30		33	27				48				88	Г
Staphyloccocus aureus, all isolates	13	39				77	77	77	77	77			69	62	100			92				100	1
- methicillin-susceptible	10	30				100	100	100	100	100			60	60	100			90				100	1
- methicillin-resistant (MRSA)	3	9				0	0	0	0	0			100	67	100			100				100	1
Enterococcus faecium, all isolates	11	33	9	9		9																64	Γ
- vancomycin-susceptible	7	21	14	14		14																100	
- vancomycin-resistant (VRE)	4	12	0	0		0																0	1
Coagulase-negative staphylococci	7	21				0	0	0	0	0			29	14	100			57				100	1
Enterococcus faecalis	2	6	100	100		100																100	Γ

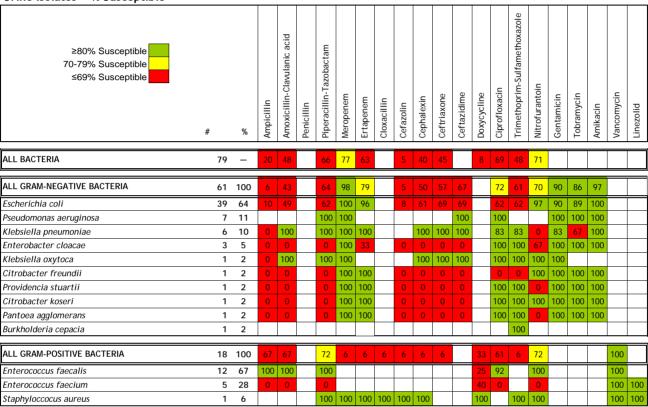
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- ➤ ICUs include MSICU, CCU, CVICU.

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- > ICUs include MSICU, CCU, CVICU

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