											All	Loc	atic	n N	lon-Uri	ne I	sola	ites	<u> </u>	% Sι	ısc∈	ptil	ole
	≥80% Susceptible 70-79% Susceptible ≤69% Susceptible Organism	# of isolates	Ampicillin	Amoxicillin- Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin- Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- Sulfamethoxazol e	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
	GRAM-NEGATIVE ORGANISMS																						
	Pseudomonas aeruginosa	141					94		94			97				92	89	96	99	99			
Gram- Negative	Escherichia coli	108	52	70			79	100	100	69	79	79			80	67		89	85	97	79		
Gram- legativ	Klebsiella pneumoniae	37	0	78			78	97	97	76	81	81			84	70		94	97	97	78		
0 ¥	Enterobacter cloacae cplx	26	0	0			0	100	100	0					100	81		100	100	100	100		
	Serratia marcescens	12	0	0			0	100	100	0					100	82		100	100	100	33		
	Proteus mirabilis	11 1	100	100			100	100	100	91	100	100			100	100		100	100	100	0		
	GRAM-POSITIVE ORGANISMS					-																	
	Staphyloccocus aureus, all isolates	564				69	69	69	69	69			74	55	99	63					96	100	
	-methicillin-susceptible	387				100	100	100	100	100			76	72	99	88					96	100	
	- methicillin-resistant (MRSA)	177				0	0	0	0	0			69	17	99	9					97	100	100
ج خ ج	Coagulase-negative staphylococci	270				59	59	59	59	59			60	36	74	66					85	100	
Gram- Positive	Group A streptococci	125			100								18	18								100	
9	Streptococcus agalactiae	55			100								51	47								100	
	Enterococcus faecalis	46 1	100	100	100		100															100	100
	Streptococcus pneumoniae	33			100								97	97	87		97				90	100	
	Group G streptococci	33			100								88	88								100	
	Group C streptococci	17			100								76	76								100	

#### **General Notes:**

- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 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
- > Patient duplicates excluded
- > Non-urine Isolates includes all specimen types other than urine and surveillance
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

### All Locations Urine Isolates — % Susceptible

															<u> </u>	113 011		50.0			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		·PCII	<del></del>
	≥80% Susceptible 70-79% Susceptible ≤69% Susceptible  Organism	# of isolates	Ampicillin	Amoxicillin- Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin- Tazobactam	Ertapenem	Meropenem	Cephalexin	IV Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- Sulfamethoxazol e	Ciprofloxacin	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
	GRAM-NEGATIVE ORGANISMS																							
	Escherichia coli	745	60	84			90	100	100	90	85	91	91			82	73	95	93	95	100	84		
	Klebsiella pneumoniae	156	0	92			92	99	100	91	91	92	92			96	81	36	99	95	100	88		
υ	Pseudomonas aeruginosa	90					86		85				99				79		93	94	100			
Gram- Negative	Proteus mirabilis	68	75	94			96	100	100	92	85	96	96			79	60	0	87	99	100	0		
Gra	Enterobacter species	49	0	0			0	90	100		0					92	83	26	100	99	100	92		
	Citrobacter species	39	0	0			0	95	100		0					95	85	90	100	97	100	94		
	Klebsiella oxytoca	25	0	88			88	100	100		36	88	88			100	85	84	100	100	100	96		
	Serratia marcescens	14	0	0			0	100	100		0					100	92	0	93	93	100	36		
	Morganella species	12	0	0			0	100	100		0					100				100	100			
	GRAM-POSITIVE ORGANISMS																							
	Enterococcus faecalis	81	100	100	100		100										88	98				28	100	100
ج خ	Staphyloccocus aureus, all isolates	37				70	70	70	70	70	70					100	49	97				100	100	
Gram- Positive	-methicillin-susceptible	26				100	100	100	100	100	100					100	69	96				100	100	
68	- methicillin-resistant (MRSA)	11				0	0	0	0	0	0					100	0	100				100	100	
	Coagulase-negative staphylococci	29				62	62	62	62		62					65	48	100				96	100	
	Enterococcus faecium	18	11	11	11		11										11	6				17	100	100

#### **General Notes:**

- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 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
- > Patient duplicates excluded
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Sep-	2	1
------	---	---

# In-Patient Non-Urine Isolates -% Susceptible

	≥80% Susceptible 70-79% Susceptible ≤69% Susceptible  Organism	# of isolates	Amoxicillin- Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin- Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- Sulfamethoxazole	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
<u> </u>	GRAM-NEGATIVE ORGANISMS																					
Gram- Negative	Pseudomonas aeruginosa	58				93		93			95				90	84	96	98	98			
ığ ği	Escherichia coli	24 38	3 46			63	100	100	46	67	67			74	50		83	80	87	83		
	GRAM-POSITIVE ORGANISMS																					
	Staphyloccocus aureus,all isolates	96			73	73	73	73	73			69	57	99	64					90	100	
ج <u>ہ</u>	-methicillin-susceptible	70			100	100	100	100	100			78	74	99	88					88	100	
Gram- Positive	- methicillin-resistant (MRSA)	26			0	0	0	0	0			46	12	100	0					96	100	
	Coagulase-negative staphylococci	57			44	44	44	44	44			54	30	56	53					79	100	
	Streptococcus pneumoniae	16		100	_							100	100	93		93				92	100	
	Enterococcus faecalis	15 10	0 100	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
- > Patient duplicates excluded
- ➤ Non-urine Isolates includes all specimen types other than urine and surveillance
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

### In-Patient Urine Isolates — % Susceptible

														• • •		· • • • • • • • • • • • • • • • • • • •				,,,,		CPC.		
	≥80% Susceptible 70-79% Susceptible ≤69% Susceptible  Organism	# of isolates	Ampicillin	Amoxicillin- Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin- Tazobactam	Ertapenem	Meropenem	Cephalexin	IV Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- Sulfamethoxazole	Ciprofloxacin	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
	GRAM-NEGATIVE ORGANISMS																							
Φ	Escherichia coli	128	55	77			85	100	100	83	78	86	86			87	72	91	92	92	100	81		
Gram- Negative	Klebsiella pneumoniae	37	0	100			100	100	100	100	100	100	100			97	90	41	97	97	100	97		
Gram- egativ	Pseudomonas aeruginosa	35					89		83				100				89		97	100	100			
z	Enterobacter species	15	0	0			0	81	100		0					100	77	19	100	93	100	93		
	Proteus mirabilis	12	83	92			100	100	100	90	82	91	91			100	91	0	100	100	100	0		
41	GRAM-POSITIVE ORGANISMS																							
Gram- Positive	Enterococcus faecalis	25	100	100	100		100										96	96				9	100	100
Grä	Enterococcus faecium	13	8	8	8		8										0	8				15	100	100
	Coagulase-negative staphylococci	10				40	40	40	40		40					40	30	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
- > Patient duplicates excluded
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Sep-21
--------

													Eυ	Non	-urine i	SOL	ates	<u> </u>	<u>%                                    </u>	isce	:ptii	ole
	≥80% Susceptible 70-79% Susceptible ≤69% Susceptible  Organism	# of isolates	Ampicillin	Amoxicillin- Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin- Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- Sulfamethoxazol e	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin
d)	GRAM-NEGATIVE ORGANISMS																					
Gram- Negative	Escherichia coli	73	55	74			79	100	100	72	77	77			73	70		87	83	100	78	
Gra	Pseudomonas aeruginosa	46					92		96			98				94	96	96	98	98		
	Klebsiella pneumoniae	22	0	82			82	100	95	77	82	82			82	70		95	100	100	78	
	GRAM-POSITIVE ORGANISMS																					
	Staphyloccocus aureus, all isolates	309				60	60	60	60	60			75	50	99	58					95	100
	-methicillin-susceptible	186				100	100	100	100	100			77	72	100	88					96	100
d)	- methicillin-resistant (MRSA)	123				0	0	0	0	0			73	17	98	12					93	100
Gram- Positive	Coagulase-negative staphylococci	183				62	62	62	62	62			61	39	78	71					89	100
Gra	Group A streptococci	104			100								18	18								100
	Group G streptococci	22			100								86	86								100
	Streptococcus pneumoniae	17			100								94	94	82		100				88	100
	Group B streptococci	16			100								56	56								100
	Group C streptococci	12			100								75	75								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
- > Patient duplicates excluded
- > Non-urine Isolates includes all specimen types other than urine and surveillance
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Prepared by Marianne Cuglietta, Senior Technologist Microbiology

ED Non Urino Isolatos % Susceptible

### ED Urine Isolates — % Susceptible

≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	# of	npicillin	noxicillin- avulanic Acid	enicillin	oxacillin	peracillin- azobactam	tapenem	eropenem	ephalexin	. Cefazolin	eftriaxone	eftazidime	indamycin	ythromycin	imethoprim- Ilfamethoxazole	profloxacin	trofurantoin	entamicin	obramycin	nikacin	oxycycline	ancomycin	-inezolid
		₹	Ąΰ	۵	ರ	<u>ii ii</u>	μ̈	ž	ర	<u> </u>	ŭ	ŭ	บ	<u>ü</u>	ב ב	Ü	ž	Ğ	<u> </u>	₹	ڡ	<u> </u>	
GRAM-NEGATIVE ORGANISMS	_																						
Escherichia coli	462	60	85			90	100	100	90	86	91	91			81	73	95	93	96	100	85		
Klebsiella pneumoniae	79	0	94			94	100	100	92	92	94	94			95	88	38	99	97	100	91		
Pseudomonas aeruginosa	32					85		85				97				72		91	91	100			
Proteus mirabilis	20	85	100			100	100	100	100	90	100	100			86	86	0	100	100	100	0		
Enterobacter species	18	0	0			0	89	100		0					83	89	39	100	95	100	95		
Citrobacter species	17	0	0			0	100	100		0					100	89	100	100	100	100	100		
Klebsiella oxytoca	15	0	93			93	100	100		47	93	93			100	93	87	100	100	100	93		
GRAM-POSITIVE ORGANISMS																							
Enterococcus faecalis	27	100	100	100		100										85	96				38	100	100
Staphyloccocus aureus, all isolates	16				75	75	75	75	75	75					100	69	100				100	100	
-methicillin-susceptible	12				100	100	100	100	100	100					100	92	100				100	100	
- methicillin-resistant (MRSA)	4				0	0	0	0	0	0					100	0	100				100	100	
Coagulase-negative staphylococci	13				77	77	77	77	77	77					77	59	100				93	100	
	70-79% Susceptible ≤69% Susceptible  GRAM-NEGATIVE ORGANISMS  Escherichia coli Klebsiella pneumoniae Pseudomonas aeruginosa Proteus mirabilis Enterobacter species Citrobacter species Klebsiella oxytoca  GRAM-POSITIVE ORGANISMS  Enterococcus faecalis Staphyloccocus aureus, all isolates -methicillin-resistant (MRSA)	70-79% Susceptible  ≤69% Susceptible  # of Organism isolates  GRAM-NEGATIVE ORGANISMS  Escherichia coli 462 Klebsiella pneumoniae 79 Pseudomonas aeruginosa 32 Proteus mirabilis 20 Enterobacter species 18 Citrobacter species 17 Klebsiella oxytoca 15  GRAM-POSITIVE ORGANISMS  Enterococcus faecalis 27 Staphyloccocus aureus, all isolates 16 -methicillin-resistant (MRSA) 4	TO-79% Susceptible  ≤69% Susceptible  (Fig. 269% Susceptible)  GRAM-NEGATIVE ORGANISMS  Escherichia coli  Klebsiella pneumoniae  Pseudomonas aeruginosa  Proteus mirabilis  Enterobacter species  Citrobacter species  Citrobacter species  Citrobacter species  To  Klebsiella oxytoca  GRAM-POSITIVE ORGANISMS  Enterococcus faecalis  Staphyloccocus aureus, all isolates  -methicillin-resistant (MRSA)  4   # of isolates  # of isol	TO-79% Susceptible  ≤69% Susceptible  From isolates  # of isolates  # of isolates  # of isolates  GRAM-NEGATIVE ORGANISMS  Escherichia coli  Klebsiella pneumoniae  Pseudomonas aeruginosa  Proteus mirabilis  20 85 100  Enterobacter species  Citrobacter species  Citrobacter species  Klebsiella oxytoca  GRAM-POSITIVE ORGANISMS  Enterococcus faecalis  Staphyloccocus aureus, all isolates  -methicillin-resistant (MRSA)  4    # of isolates  #	TO-79% Susceptible  ≤69% Susceptible  for isolates  # of isolates  # of isolates  GRAM-NEGATIVE ORGANISMS  Escherichia coli  Klebsiella pneumoniae  Pseudomonas aeruginosa  Proteus mirabilis  Enterobacter species  Citrobacter species  Citrobacter species  To 0  Klebsiella oxytoca  GRAM-POSITIVE ORGANISMS  Enterococcus faecalis  Staphyloccocus aureus, all isolates  -methicillin-resistant (MRSA)  4   # of isolates  # of isol	TO-79% Susceptible  ≤69% Susceptible  For isolates  # of isolates  # of isolates  GRAM-NEGATIVE ORGANISMS  Escherichia coli  Klebsiella pneumoniae  Pseudomonas aeruginosa  Proteus mirabilis  Enterobacter species  Citrobacter species  Citrobacter species  Citrobacter species  Klebsiella oxytoca  GRAM-POSITIVE ORGANISMS  Enterococcus faecalis  Staphyloccocus aureus, all isolates  - methicillin-susceptible  - methicillin-resistant (MRSA)  462 60 85  85 100  85 100  94 100  95 100  100 100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100  100 100	# of	# of isolates	# of	# of   isolates   # of   is	# of isolates   # of isolat	# of isolates	# of	To-79% Susceptible   Selection   Susceptible   Selection   Susceptible   Selection   Susceptible   Selection   Susceptible   Selection   Susceptible   Selection   Susceptible   Susc	To-79% Susceptible   Se69% Susceptible   Se	# of isolates   # of isolat	Secherichia coli   462   60   85   90   100   100   90   86   91   91   81   73	Secherichia coli	Staphyloccocus aureus, all isolates   Staphyloccocus aureus, all iso	Staphyloccocus aureus, all isolates   Staphyloccocus aureus, all iso	Secherichia coli	Secherichia coli	STAM-NEGATIVE ORGANISMS   STAM-NEGATIVE OR

#### **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
- > Patient duplicates excluded
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

$\sim$	n-	റ	•
೦೮	p-	_	

# Sault Area Hospital 2020 Antibiogram report

# ICU Non-Urine Isolates — % Susceptible

	≥80% Susceptible 70-79% Susceptible ≤69% Susceptible  Organism	# of isolates	Ampicillin Amoxicillin-	Clavulanic Acid	Penicitiin Cloxacillin	Piperacillin- Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- Sulfamethoxazole	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
ram- gative	GRAM-NEGATIVE ORGANISMS																					
	Pseudomonas aeruginosa	11				91		88			100				91		100	100	100			
	GRAM-POSITIVE ORGANISMS	'																				
4.	GRAM-POSITIVE ORGANISMS Staphyloccocus aureus, all isolates	18			89	89	89	89	89			89	84	100	79					100	100	100
4.		18 16			89	89 100	89 100	89 100	89 100			89 88	84	100	79 89					100	100	100
Gram- Positive	Staphyloccocus aureus, all isolates																					

#### **General Notes:**

- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 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
- Patient duplicates excluded
- > Non-urine Isolates includes all specimen types other than urine and surveillance
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Prepared by Marianne Cuglietta, Senior Technologist Microbiology

Sep-21

# Sault Area Hospital 2020 Antibiogram report

### All Locations Blood Isolates — % Susceptible

									7111			3 D.C	, <del>,,,</del>	30 iu	L <del>e</del> 3 — /	. <u> </u>	ccpc	.ibic					
	≥80% Susceptible 70-79% Susceptible ≤69% Susceptible  Organism	# of isolates	Ampicillin	Amoxicillin- Clavulanic Acid	Penicillin	Cloxacillin	Piperacillin- Tazobactam	Ertapenem	Meropenem	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- Sulfamethoxazol e	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Amikacin	Doxycycline	Vancomycin	Linezolid
	GRAM-NEGATIVE ORGANISMS																						
ج ج ج	Escherichia coli	88	53	74			78	100	100	71	77	77			77	68		89	85	97	77		
Gram- Negative	Klebsiella pneumoniae	31	0	74			100	96	97	71	77	77			81	65		93	96	100	77		
_ g §	Pseudomonas aeruginosa	20					90		88			100				85		90	100	93			
	Enterobacter cloacae cplx	14	0	0			0	100	100	0	0	0				86		100	100	100	100		
	GRAM-POSITIVE ORGANISMS																						
	Coagulase-negative staphylococci	229				57	57	57	57	57			58	37	74	65					85	100	
	Staphyloccocus aureus, all isolates	60				77	77	77	77	77			81	65	100	71					92	100	
ر د ج	-methicillin-susceptible	46				100	100	100	100	100			80	78	100	90					94	100	
Gram- Positive	- methicillin-resistant (MRSA)	14				0	0	0	0	0			86	21	100	7					86	100	100
0 2	Enterococcus faecalis	25	100	100	100		100															100	100
	Group B streptococci	11	100	100	100		100						64	64								100	
	Group A streptococci	11	100	100	100		100						36	36								100	
	Streptococcus pneumoniae	11			100								91	100	82		100				80	100	

> Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 reported is limited. Please

> Some organisms for which there were only very small numbers have been excluded from this

> Patient duplicates excluded

> Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Prepared by Marianne Cuglietta, Senior Technologist Microbiology

Sep-21

# Blood Isolates ALL Patients — % Susceptible

Organism	# of isolates	Fluconazole	Voriconazole	Caspofungin	Micagungin	Anidulafungin
ALL Candida	14					
Candida albicans	5	100	100	100	100	100
Candida parapsilosis	4	100	100	100	100	100
Candida tropicalis	2	100	0	100	100	100
Candida dubliniensis*	2					
Candida lusitaniae*	1					

#### **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.
- > Patient duplicates excluded
- > \*There are no interpretative breakpoints for Candida dubliniensis and Candida lusitaniae

Prepared by Marianne Cuglietta, Senior Technologist Microbiology

Sep-21