

DH 2020 and 2021 ANTIBIOGRAM Hospital-wide (% Susceptible ^a)		GRAM POSITIVE					GRAM NEGATIVE				
		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium	Enterobacter cloacae ^b	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa
Number of Isolates		449	349	103	155	48	34	764	87	51	74
Penicillins	Cloxacillin	77	100	R							
	Penicillin			R	95	4					
	Ampicillin/Amoxicillin			R	100	4	R	59	R	80	R
	Amoxicillin-Clavulanate	77	100	R			R	87	94	100	R
	Piperacillin-Tazobactam			R			88	96	94	100	88
Cephalosporins	Cephalexin ^c - 1st gen	77	100	R	R	R	R	86	91	100	R
	Cefazolin ^d - 1st gen	77	100	R	R	R	R	66	83	38	R
	Cefuroxime - 2nd gen			R	R	R					
	Cefixime - 3rd gen			R	R	R	35	87	92	98	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	68	88	92	100	R
	Ceftazidime - 3rd gen			R	R	R	71	91	93	100	89
Carbapenems	Ertapenem - restricted			R			97	100	100	100	R
	Imipenem - restricted			R							
	Meropenem - restricted			R			100	100	99	100	97
AMGs	Gentamicin						100	91	98	94	99
	Tobramycin						100	94	98	94	100
	Amikacin						100	100	100	98	100
FOs	Ciprofloxacin				63 ^g	2 ^g	97	67	89	82	88
	Levofloxacin	71	83	29	64 ^g	2 ^g					
	Moxifloxacin	71	83	29							
Miscellaneous	Erythromycin ^e	69	77	41	R	R					
	Clindamycin	82	81	85	R	R					
	Tetracycline ^f	93	95	85	20 ^g	15 ^g	91	78	85	R	R
	Linezolid - restricted	100	100	100	93	98					
	Nitrofurantoin-simple cystitis only ^g	100	100	100	99	5	58	98	38	R	R
	TMP-SMX or Cotrimoxazole	87	89	81	R	R	91	79	92	86	R
	Vancomycin	100	100	100	100	33					
	Fosfomycin ^g				67	85	38	99	86	91	

This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.

R = Intrinsically resistant
 = Susceptibility not tested

NOTES:
a. This antibiogram includes only the first isolate of a specific organism from any patient.
b. These organisms carry an inducible β-lactamase and may develop resistance during prolonged therapy with 3rd generation cephalosporins.
c. Cephalexin susceptibility in gram-negatives is derived from urine isolates only and is predictive of cefazolin susceptibility.
d. Cefazolin susceptibility in gram-negatives is derived from nonurine isolates only and may underrepresent overall susceptibility.
e. Organisms susceptible to erythromycin are also susceptible to azithromycin/clarithromycin.
f. Organisms susceptible to tetracycline are also susceptible to doxycycline. However, some organisms that are nonsusceptible to tetracycline may be susceptible to doxycycline.
g. From urinary tract isolates only.
h. Small number of isolates, interpret results with caution.

† Data based on meningitis breakpoints
‡ Data based on non-meningitis breakpoints

Developed by:
Fraser Health Antimicrobial Stewardship Program, Department of Medical Microbiology, and Infection Prevention and Control