

FCH 2021 and 2022 ANTIBIOGRAM Hospital-wide (% Susceptible ^a)		GRAM POSITIVE					GRAM NEGATIVE					This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.
		Staphylococcus aureus	MSSA	MRSA	Enterococcus faecalis	Enterococcus faecium ^h	Enterobacter cloacae ^{b,h}	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis ^h	Pseudomonas aeruginosa	
Number of Isolates		259	209	56	66	7	14	556	39	29	52	
Penicillins	Cloxacillin	80	100	R								
	Penicillin			R	100	14						
	Ampicillin/Amoxicillin			R	100	43	R	67	R	83	R	
	Amoxicillin-Clavulanate	80	100	R			R	88	97	100	R	
	Piperacillin-Tazobactam			R			85	97	97	100	88	
Cephalosporins	Cephalexin ^c - 1st gen	80	100	R	R	R	R	91	94	100	R	
	Cefazolin ^d - 1st gen	80	100	R	R	R	R	73	100		R	
	Cefuroxime - 2nd gen			R	R	R					R	
	Cefixime - 3rd gen			R	R	R	64	92	95	100	R	
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	R	71	95	97	100	R	
	Ceftazidime - 3rd gen			R	R	R	71	96	97	100	90	
Carbapenems	Ertapenem - restricted			R			86	100	100	100	R	
	Imipenem - restricted			R								
	Meropenem - restricted			R			100	100	100	100	94	
AMGs	Gentamicin						100	96	97	100	98	
	Tobramycin						100	97	100	100	100	
	Amikacin						100	100	100	100	100	
FQs	Ciprofloxacin				74 ^g	20 ^g	93	76	85	100	85	
	Levofloxacin	77	92	17	74 ^g	20 ^g						
	Moxifloxacin	77	92	17								
Miscellaneous	Erythromycin ^e	66	79	14	R	R						
	Clindamycin	83	84	75	R	R						
	Tetracycline ^f	95	98	79	18 ^g	0 ^g	93	83	87	R	R	
	Linezolid - restricted	100	100	100	97	100						
	Nitrofurantoin-simple cystitis only ^g	100	100	100	100	20	60	99	43	R	R	
	TMP-SMX or Cotrimoxazole	92	94	86	R	R	93	86	95	97	R	
	Vancomycin	100	100	100	100	43						
Fosfomycin ^g					75	50	100	91	90			

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