

PEDIATRICS All Fraser Health sites 2021 ANTIBIOGRAM (% 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	Streptococcus pneumoniae ^h	Group A Streptococcus	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis		Haemophilus influenzae ^h
Number of Isolates		483	383	101	77	14	33	870	37	38	5	
Penicillins	Cloxacillin	79	100	R								
	Penicillin			R	99	83 [†] 100 [‡]	100					
	Ampicillin/Amoxicillin			R	100	100	100	62	R	68	100	
	Amoxicillin-Clavulanate	79	100	R				89	100	97		
	Piperacillin-Tazobactam			R				99	100	100		
Cephalosporins	Cephalexin ^b - 1st gen	79	100	R	R			89	100	94		
	Cefazolin ^c - 1st gen	79	100	R	R		100	64	100	100		
	Cefuroxime - 2nd gen			R	R	100						
	Cefixime - 3rd gen			R	R			89	100	97		
	Cefotaxime / Ceftriaxone - 3rd gen			R	R	100	100	90	100	97		
Ceftazidime - 3rd gen			R	R			93	100	100			
Carbapenems	Ertapenem - restricted			R				100	100	100		
	Imipenem - restricted			R								
	Meropenem - restricted			R				100	100	100		
AMGs	Gentamicin							94	100	95		
	Tobramycin							95	100	95		
	Amikacin							100	97	100		
FQs	Ciprofloxacin ^g				97 ^f			73	95	89		
	Levofloxacin ^g	75	88	25	99 ^f	100						
	Moxifloxacin ^g	76	89	25		100						
Miscellaneous	Erythromycin ^d	76	82	50	R	85	76					
	Clindamycin	87	86	88	R	86	76					
	Tetracycline ^{e, g}	95	96	90	25 ^f	89		80	92	R		
	Linezolid - restricted	100	100	100	100							
	Nitrofurantoin-simple cystitis only ^f	100	100	100	100			99	44	R		
	TMP-SMX or Cotrimoxazole	82	86	68	R	75		80	95	87		
	Vancomycin	100	100	100	100	100	100					
Fosfomycin ^f							100	92	97			

R = Intrinsically resistant

□ = Susceptibility not tested

NOTES:

a. This antibiogram includes only the first isolate of a specific organism from any patient aged 17 and younger.

b. Cephalexin susceptibility in gram-negatives is derived from urine isolates only and is predictive of cefazolin susceptibility.

c. Cefazolin susceptibility in gram-negatives is derived from nonurine isolates only and may underrepresent overall susceptibility.

d. Organisms susceptible to erythromycin are also susceptible to azithromycin/clarithromycin.

e. Organisms susceptible to tetracycline are also susceptible to doxycycline. However, some organisms that are nonsusceptible to tetracycline may be susceptible to doxycycline.

f. From urinary tract isolates only.

g. Use with caution in children

h. Small number of isolates, interpret results with caution

[†] Data based on meningitis breakpoints

[‡] Data based on non-meningitis breakpoints

Developed by:
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