

<b>Pediatrics</b> <b>All Fraser Health sites</b>  <b>2016</b> <b>ANTIBIOGRAM</b> <b>Hospital-wide</b> <b>(% Susceptible<sup>a</sup>)</b>		GRAM POSITIVE							GRAM NEGATIVE							This susceptibility chart is provided as a guide to empiric therapy until culture and susceptibility results are available.	
		Coagulase Negative Staphylococcus	Enterococcus faecalis	Enterococcus species	Staphylococcus aureus (MSSA + MRSA)	MRSA (Methicillin Resistant Staph. aureus)	MSSA (Methicillin Susceptible Staph. aureus)	Streptococcus pneumoniae	Streptococcus pyogenes (Group A)	Escherichia coli	Haemophilus influenzae	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa <sup>g</sup>	Salmonella species		SPICE Organisms <sup>b</sup>
<b>Number of Isolates</b>		54	101	106	501	102	403	55	111	838	113	39	48	20	37	73	<b>KEY</b>  <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 20px; height: 10px; background-color: #cccccc; margin-right: 5px;"></div> <span>= Intrinsically resistant</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 20px; height: 10px; background-color: #ffffff; margin-right: 5px;"></div> <span>= Susceptibility not tested</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 20px; height: 10px; background-color: #cccccc; margin-right: 5px;"></div> <span>= Not recommended</span> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 10px; background-color: #e0ffe0; margin-right: 5px; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 8px;">☉</span> </div> <span>= Synergy with ampicillins or vancomycin</span> </div>
Penicillins	Cloxacillin	57	R	R	80	R	100	N	N	R	R	R	R	R		R	
	Penicillin (IV)	N			N	R	N	100	100	R	N	R	R	R		R	
	Penicillin (Oral)							94									
	Ampicillin/Amoxicillin	N	100	100	N	R	N	100	100	47	63	R	67	R	92	R	
	Amoxicillin-Clavulanate					R				86	100	92	98	R		R	
	Piperacillin-Tazobactam					R				96		95	100	100			
Cephalosporins	Cephalexin - 1st gen	57	R	R	80	R	100	N	100	60 <sup>e</sup>	R	85 <sup>e</sup>	71 <sup>e</sup>	R		R	
	Cefazolin <sup>c</sup> - 1st gen	57	R	R	80	R	100	N	100	79	N	87	75	R		R	
	Cefuroxime - 2nd gen		R	R				100			100			R		R	
	Cefixime - 3rd gen		R	R		R		N		90		92	98	R		N	
	Cefotaxime / Ceftriaxone - 3rd gen		R	R		R		100	100	91	100	92	98	R	99	N	
	Ceftazidime - 3rd gen		R	R		R		N	N					99		N	
Carbapenems	Ertapenem - restricted		R	R		R				99		99	99	R		96	
	Imipenem - restricted					R								95			
	Meropenem - restricted		N	N		R				99		99	99	95		99	
AMGs	Gentamicin	N	☉	☉	N	N	N	R	R	91	N	100	96	100		96	
	Tobramycin	N	R	R	N	N	N	R	R	91	N	100	96	100		95	
	Amikacin	N	R	R	N	N	N	R	R	100	N	100	100	100		99	
Miscellaneous	Erythromycin <sup>f</sup>	41			68	29	78	84	87	R		R	R	R		R	
	Clindamycin	65	R	R	85	80	86	93	87	R	R	R	R	R		R	
	Doxycycline	94	19 <sup>e</sup>	20 <sup>e</sup>	97	95	98	90					R	R			
	Linezolid - restricted	98	96	95	100	100				R	R	R	R	R		R	
	Metronidazole	R	R	R	R	R	R	R	R	R	R	R	R	R		R	
	Nitrofurantoin-simple cystitis only <sup>e</sup>	94	100	98	99	98	99	R	N	98	R	41	R	R			
	TMP-SMX or Cotrimoxazole	91	R	R	86	86	86	88	R	78		92	88	R	97	96	
Vancomycin	100	100	99	100 <sup>d</sup>	100 <sup>d</sup>	100 <sup>d</sup>	100	100		R	R	R	R	R		R	

Developed by:  
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