

# Saskatchewan Health Authority - Saskatoon Area AntibioGram 2018

## PEDIATRIC OUTPATIENTS - All Isolates (including Urinary isolates)

January 1, 2018 - December 31, 2018

### Outpatients – % Susceptible

	# Isolates tested	Penicillin PO/IV	Ampicillin/Amoxicillin	Cloxacillin	Amoxicillin-Clavulanic acid	Piperacillin-Tazobactam	Cephalexin	Cefazolin	Cefoxitin	Cefuroxime	Ceftriaxone	Ceftazidime	Meropenem	Ertapenem	Clindamycin	Azithromycin	Erythromycin	Tetracycline/Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Nitrofurantoin (urine only)	Gentamicin	Tobramycin	Vancomycin
<b>GRAM-NEGATIVE BACTERIA</b>																									
<i>Escherichia coli</i> <sup>1</sup>	754	58		84	98		85	98		96	96	100	100					94		77	98	95	95		
<i>Klebsiella pneumoniae</i> <sup>1</sup>	33	R		94	97		90	97		100	100	100	100					100		94	30	94	94		
<i>Pseudomonas aeruginosa</i>	34				77						91	82						88				65	74		
<i>Proteus mirabilis</i> <sup>1</sup>	31	94		97	100		97	100		100	100	100	100					100		94		90	90		

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<b>GRAM-POSITIVE BACTERIA</b>																									
<i>Staphylococcus aureus</i> , all																									
- methicillin-susceptible (MSSA) -	298		100					100	100						84		81	94	96	99	96	99	100		100
- methicillin-resistant (MRSA) -	173	R	R	R	R	R	R	R	R	R	R	R	R	R	78		65	93	79	80	99	99	100		100
<i>Enterococcus faecalis</i> , all	143		100				R	R	R	R	R						R	R	97	100		99			100

R - intrinsically resistant or less than 25% empiric susceptibility

<sup>1</sup> 4.1 % of combined *E.coli*, *K.pneumoniae* and *P.mirabilis* isolates were +ESBL (extended spectrum beta-lactamase)

<sup>2</sup> susceptibility to gentamicin in gram positive organisms refers to combination synergy treatment only