

Antibiogram - 2024

Woodstock Hospital

Interpretation Guide

- The antibiogram is an annual cumulative report of the antimicrobial susceptibility rates of common pathogens recovered from patients receiving care at Woodstock Hospital and is to be used as a resource to inform empirical antimicrobial therapy.
- Susceptibility rates are calculated from the compilation of susceptibility results from all 'first' clinical isolates of a specific pathogen recovered from an individual patient per 30-day period. The rationale for this referral period is based on the need to represent 'wild-type' susceptibility profiles and avoid over-representing antimicrobial resistance that may develop de novo during a patient's prolonged hospital stay.
- Susceptibility rates for pathogens or clinical scenarios represented by less than 30 isolates are not calculated due to their limited statistical significance and interpretive value.
- The appropriateness of empiric therapy is highlighted using a colour range that corresponds to susceptibility rates. Green, 80-100%; Yellow, 70-79%; Red, <70%.

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<https://www.lhsc.on.ca/pathology-and-laboratory-medicine/microbiology>

Organism	Number of Isolates	Ampicillin	Amoxicillin-Clavulanate	Piperacillin-Tazobactam	Cloxacillin	Cephalexin (urinary tract)	Cefazolin	Ceftriaxone	Ceftazidime	Imipenem	Meropenem	Ciprofloxacin	Clindamycin	Doxycycline	Gentamicin	Tobramycin	TMP-SMX	Vancomycin
<i>Escherichia coli</i>	690	62	83			87	75	89		99		80			94	93	82	
<i>Klebsiella pneumoniae</i> complex	152		85			88	80	86		97		86			95	93	87	
<i>Proteus mirabilis</i>	83	87	98					99			100	94			73	80	84	
<i>Enterobacter cloacae</i> complex	34									100		100			100	100	100	
<i>Pseudomonas aeruginosa</i>	114			88					83	73	92	89						
<i>Staphylococcus aureus</i> (incl. MRSA)	192				70								83	100			100	100
MRSA	57				0								91	100			100	100