



Department of Pathology and Immunology

SECTION OF PATHOLOGY INFORMATICS

Saint Louis Childrens Hospital Antibigrams

2024

Foreword

These antibiograms summarize the susceptibility rates of bacteria isolated from clinical specimens collected during the year 2024 and processed in the microbiology laboratory at Barnes-Jewish Hospital. Only the first isolate per patient based on collection time are included in the generation of the antibiograms. Susceptibility rates are presented for organisms where there were at least 30 total tested isolates. Additional susceptibilities are presented for select organism groups as defined in the [glossary](#).

Questions regarding these antibiograms and antimicrobial susceptibility testing performed in the Microbiology Laboratory of Barnes-Jewish Hospital should be directed to:

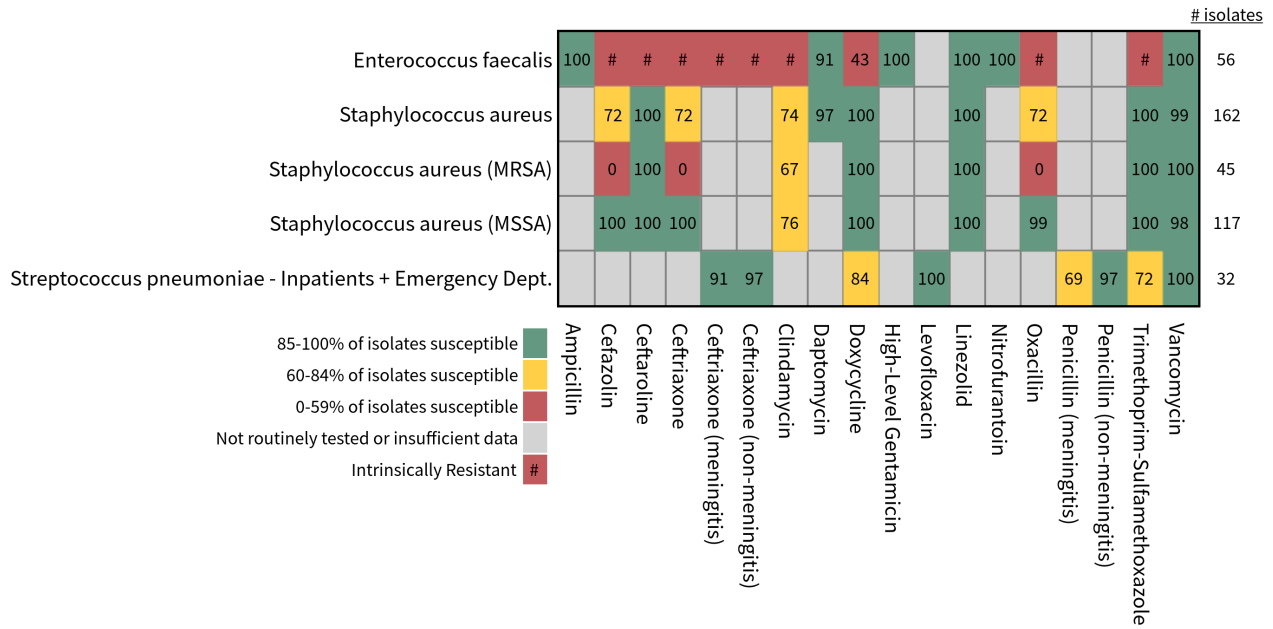
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2024 Saint Louis Childrens Hospital: Gram Positive



Data based on first isolate per patient.

Daptomycin only routinely tested on Staphylococcus isolates recovered from blood or sterile body sites.

Nitrofurantoin only indicated for uncomplicated cystitis.

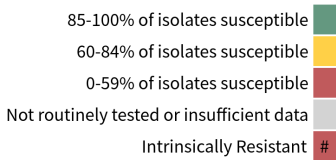
Hospitals Included: Saint Louis Childrens Hospital

Ages: All

Collection Setting: Inpatient only, unless otherwise indicated

2024 Saint Louis Childrens Hospital: Gram Negative

														# isolates						
Escherichia coli - Emergency Dept.	49			93	98		95		95	87	92			100			94	74	253	
Escherichia coli - Emergency Dept. URINE ONLY	49			94	98		96		96	87	93			100		100	94	74	246	
Escherichia coli - Inpatients	44	64		74	91		86		83	83	86			100			87	71	106	
Escherichia coli - Inpatients URINE ONLY	47			91	96		93		91	88	90			100		100	93	78	68	
Klebsiella oxytoca	#			34	91		88		84	75	78						75	78	32	
Klebsiella pneumoniae	#			78	98		83		88	85	88			97			83	85	41	
Pseudomonas aeruginosa	#	#	86	#	93	100	96	97	#	85		94		96		#	93	89	#	106
Serratia marcescens	#	#		#	100		84		86	92	81			100		#	97		95	37
Stenotrophomonas maltophilia	#	#	#	#				#	#			#	#	95	#	100	#	#	#	42
	Ampicillin	Ampicillin/Sulbactam	Aztreonam	Cefazolin	Cefepime	Cefiderocol	Ceftazidime	Ceftolozane/Tazobactam	Ceftriaxone	Ciprofloxacin	Gentamicin	Imipenem	Levofloxacin	Meropenem	Minocycline	Nitrofurantoin	Piperacillin/Tazobactam	Tobramycin	Trimethoprim-Sulfamethoxazole	



Data based on first isolate per patient.
Nitrofurantoin only indicated for uncomplicated cystitis.

Hospitals Included: Saint Louis Childrens Hospital
Ages: All
Collection Setting: Inpatient only, unless otherwise indicated

Glossary

Abbreviations

MRSA: Methicillin resistant *Staphylococcus aureus*

MSSA: Methicillin susceptible *Staphylococcus aureus*

Organism groups

Pseudomonas aeruginosa: *Pseudomonas aeruginosa*, *Pseudomonas aeruginosa*, *Pseudomonas aeruginosa* (mucoid morphotype), *Pseudomonas aeruginosa* group

Report Log

Report Generation Date and Time

2025-05-07 21:32

Report Generation Software

<https://github.com/WUSM-LGM-Informatics-Section/resistalytics>

v2023.1.0-69-gbcc89a4

bcc89a42752d3b4ef8daf1fb4fed867e44b0b5e8

Software Written and Maintained by

[Section of Pathology Informatics](#)

Contact Information for Support and Issues

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