



Department of Pathology and Immunology

SECTION OF PATHOLOGY INFORMATICS

Christian Hospital Antibigrams

2023

Foreword

These antibiograms summarize the susceptibility rates of bacteria isolated from clinical specimens collected during the year 2023 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:

Rebekah Dumm, PhD, D(ABMM)

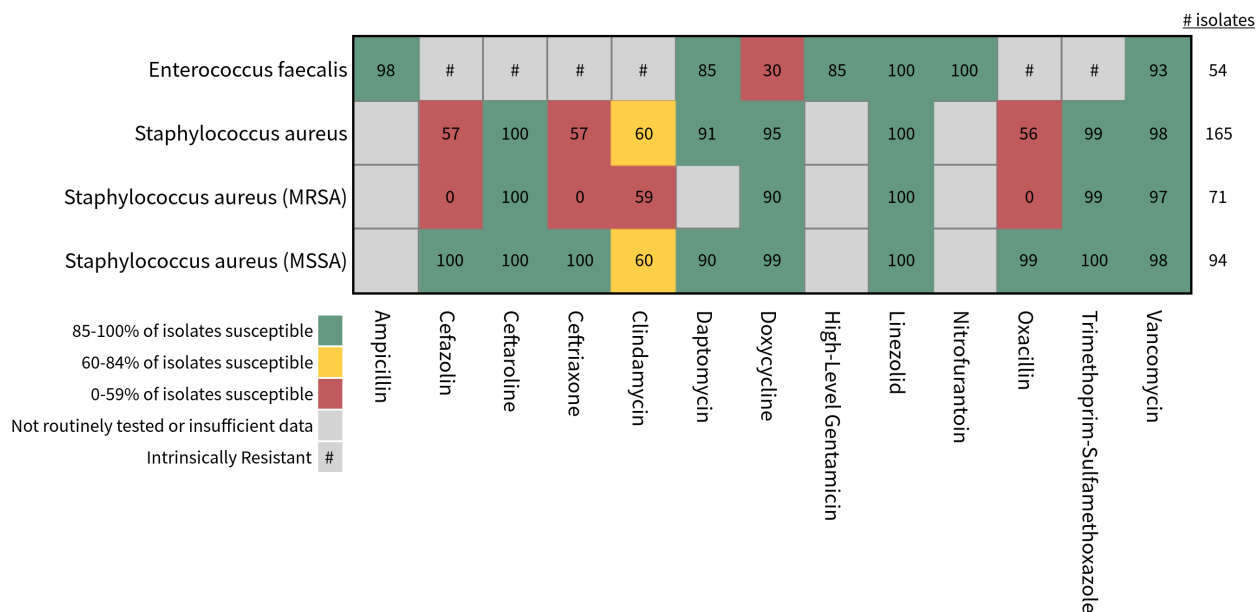
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2023 Christian Hospital: Gram Positive



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: Christian Hospital

Ages: All

Collection Setting: Inpatient only, unless otherwise indicated

2023 Christian Hospital: Gram Negative

																# isolates		
Escherichia coli - Emergency Dept.	46	58		88	97		94		91	78	93		100		99		71	1216
Escherichia coli - Emergency Dept. URINE ONLY	47			90	97		94		92	78	93		100	98	99		70	1151
Escherichia coli - Inpatients	41	66		75	87		85		81	66	94		100		98		71	133
Escherichia coli - Inpatients URINE ONLY	41			80	87		84		81	65	92		100	98	97		72	97
Klebsiella pneumoniae	#			80	91		87		87	80	89		98		85		74	46
Proteus mirabilis	57			48	93		100		82	54	96		100	#	100		50	44
Pseudomonas aeruginosa	#	#	77	#	94	100	87	97	#	86		86	88	#	85	100	#	111
	Ampicillin	Ampicillin/Sulbactam	Aztreonam	Cefazolin	Cefepime	Cefiderocol	Ceftazidime	Ceftolozane/Tazobactam	Ceftriaxone	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Nitrofurantoin	Piperacillin/Tazobactam	Tobramycin	Trimethoprim-Sulfamethoxazole	
85-100% of isolates susceptible	■																	
60-84% of isolates susceptible	■																	
0-59% of isolates susceptible	■																	
Not routinely tested or insufficient data	■																	
Intrinsically Resistant	#																	

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

Hospitals Included: Christian 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* (mucoid morphotype),

Pseudomonas aeruginosa group

Report Log

Report Generation Date and Time

2024-04-18 10:24

Report Generation Software

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

v2023.0.0-12-g4c5fcd7

4c5fcd719b09b390df805a30f7358534a5b98046

Software Written and Maintained by

[Section of Pathology Informatics](#)

Contact Information for Support and Issues

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