



Department of Pathology and Immunology

SECTION OF PATHOLOGY INFORMATICS

Saint Louis Childrens 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:

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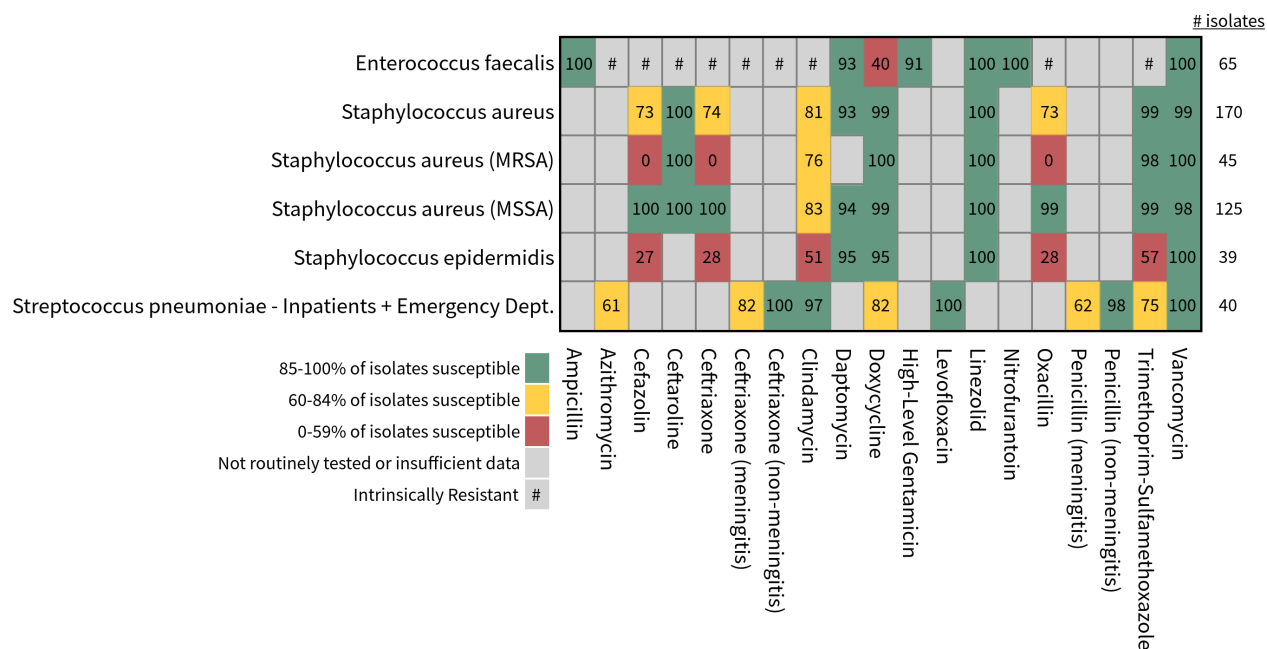
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2023 Saint Louis Childrens Hospital: Gram Positive



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

2023 Saint Louis Childrens Hospital: Gram Negative

| | # isolates | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|--------------------------------|-------------------------------|---|-------------------------|---------------------|------------|----------------------|-----------|-----------|----------|-------------|-------------|------------------------|-------------|---------------|------------|----------|-----------|----------------|-------------------------|------------|-------------------------------|
| Enterobacter cloacae complex | # | # | & | # | 97 | | & | | & | 92 | 100 | | 100 | | & | | 89 | 37 | | | | | |
| Escherichia coli - Emergency Dept. | 53 | | | 94 | 99 | | 98 | | 96 | 88 | 90 | | 100 | | 99 | | 75 | 307 | | | | | |
| Escherichia coli - Emergency Dept. URINE ONLY | 54 | | | 96 | 99 | | 99 | | 97 | 89 | 90 | | 100 | 99 | 99 | | 76 | 291 | | | | | |
| Escherichia coli - Inpatients | 39 | 50 | | 73 | 92 | | 89 | | 85 | 79 | 84 | | 98 | | 97 | | 68 | 127 | | | | | |
| Escherichia coli - Inpatients URINE ONLY | 41 | | | 85 | 94 | | 90 | | 88 | 86 | 86 | | 98 | 98 | 96 | | 73 | 86 | | | | | |
| Klebsiella pneumoniae | # | | | 77 | 88 | | 85 | | 83 | 77 | 85 | | 98 | | 94 | | 73 | 48 | | | | | |
| Pseudomonas aeruginosa | # | # | 77 | # | 95 | 99 | 94 | 98 | # | 88 | | 81 | 83 | # | 89 | 87 | # | 100 | | | | | |
| | 85-100% of isolates susceptible | 60-84% of isolates susceptible | 0-59% of isolates susceptible | Not routinely tested or insufficient data | Intrinsically Resistant | Inducibly Resistant | Ampicillin | Ampicillin/Sulbactam | Aztreonam | Cefazolin | Cefepime | Cefiderocol | Ceftazidime | Ceftolozane/Tazobactam | Ceftriaxone | Ciprofloxacin | Gentamicin | Imipenem | Meropenem | 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* (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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