

## Gram Positive Cocci

### Antibiogram 2022 (January-December 2021) - Sanford Fargo Outpatients (Excluding Urine Sources)

|                      | Too low to analyze           |                             |                              |  |                                   | < 30 isolates                | < 30 isolates                   | << 30 isolates                |
|----------------------|------------------------------|-----------------------------|------------------------------|--|-----------------------------------|------------------------------|---------------------------------|-------------------------------|
| Organism             | <i>Enterococcus faecalis</i> | <i>Enterococcus faecium</i> | <i>Staphylococcus aureus</i> | Coagulase Negative <i>Staphylococcus</i> | <i>Staphylococcus lugdunensis</i> | <i>Streptococcus Group B</i> | <i>Streptococcus pneumoniae</i> | <i>Streptococcus viridans</i> |
| Total isolates       | 80                           | 4                           | 1209                         | 71                                       | 39                                | 19                           | 11                              | 9                             |
| Susceptible isolates |                              |                             |                              |  |                                   |                              |                                 |                               |
| Benzylpenicillin     | 100%                         | -                           | 25%                          | 17%                                      | 71%                               | 100%                         | 90%                             | 77%                           |
| Ampicillin           | 100%                         | -                           | -                            | -  | -                                 | -                            | -                               | -                             |
| Oxacillin            | -                            | -                           | 78%                          | 61%                                      | 100%                              | -                            | -                               | -                             |
| Cefazolin            | -                            | -                           | -                            | -  | -                                 | -                            | -                               | -                             |
| Ceftriaxone          | -                            | -                           | -                            | -  | -                                 | 100%                         | 90%                             | 88%                           |
| Gentamicin           | 82 % (HLS)                   | -                           | 99%                          | 96%                                      | 100%                              | -                            | -                               | -                             |
| Ciprofloxacin        | 97%                          | -                           | 82%                          | 82%                                      | 100%                              | -                            | -                               | -                             |
| Levofloxacin         | 97%                          | -                           | 83%                          | 82%                                      | 100%                              | 100%                         | 90%                             | 100%                          |
| Clindamycin          | -                            | -                           | 83%                          | 65%                                      | 94%                               | 46%                          | 100%                            | 77%                           |
| Erythromycin         | 8%                           | -                           | 64%                          | 51%                                      | 94%                               | 44%                          | 72%                             | 33%                           |
| Linezolid            | 100%                         | -                           | 100%                         | 100%                                     | 100%                              | -                            | -                               | -                             |
| Rifampicin           | -                            | -                           | 100%                         | 96%                                      | 100%                              | -                            | -                               | -                             |
| Tetracycline         | -                            | -                           | 95%                          | 82%                                      | 97%                               | -                            | -                               | -                             |
| TMP/SMX              | -                            | -                           | 97%                          | 75%                                      | 100%                              | -                            | 81%                             | -                             |
| Vancomycin           | 100%                         | -                           | 100%                         | 100%                                     | 100%                              | 100%                         | -                               | 100%                          |
| Daptomycin           | -                            | -                           | -                            | -  | -                                 | -                            | -                               | -                             |

## Gram Negatives

| Antibiogram 2022 (January-December 2021) - Sanford Fargo Outpatients (Excluding Urine Sources) |                                |                             |                             |  |                             |                |                               |                           |
|--|--------------------------------|-----------------------------|-----------------------------|--|-----------------------------|----------------|-------------------------------|---------------------------|
| Organism   | < 30 isolates                  | too low to analyze          | < 30 isolates               | < 30 isolates  | <30 isolates                |                | < 30 isolates                 | < 30 isolates             |
|  | <i>Acinetobacter baumannii</i> | <i>Bacteroides fragilis</i> | <i>Citrobacter freundii</i> | <i>Klebsiella aerogenes</i><br>(Previously named <i>Enterobacter aerogenes</i> ) | <i>Enterobacter cloacae</i> | <i>E. coli</i> | <i>Haemophilus influenzae</i> | <i>Klebsiella oxytoca</i> |
| <b>Total Isolates</b>  | <b>13</b>                      | <b>3</b>                    | <b>15</b>                   | <b>18</b>  | <b>29</b>                   | <b>58</b>      | <b>22</b>                     | <b>28</b>                 |
|  | <b>Susceptible isolates</b>    |                             |                             |  |                             |                |                               |                           |
| Amoxicillin/Clavulanic acid  | -                              | -                           | -                           | -  | -                           | 85%            | -                             | 100%                      |
| Ampicillin   | -                              | -                           | -                           | -  | -                           | 65%            | 70%                           | -                         |
| Amp/Sulbactam  | -                              | -                           | -                           | -  | -                           | -              | -                             | -                         |
| Piperacillin/Tazobactam  | 92%                            | -                           | 100%                        | 72%  | 96%                         | 100%           | -                             | 100%                      |
| Cefazolin  | -                              | -                           | -                           | -  | -                           | 93%            | -                             | 85%                       |
| Cefepime   | -                              | -                           | 100%                        | 100%   | 100%                        | 97%            | -                             | 100%                      |
| Cefoxitin  | -                              | -                           | -                           | -  | -                           | 91%            | -                             | 96%                       |
| Ceftazidime  | 100%                           | -                           | 93%                         | 72%  | 96%                         | 97%            | -                             | 100%                      |
| Ceftriaxone  | 46%                            | -                           | 93%                         | 83%  | 96%                         | 95%            | 100%                          | 100%                      |
| Amikacin   | -                              | -                           | 100%                        | 100%   | 100%                        | 100%           | -                             | 100%                      |
| Gentamycin   | 100%                           | -                           | 100%                        | 100%   | 100%                        | 100%           | -                             | 100%                      |
| Tobramycin   | 100%                           | -                           | 100%                        | 100%   | 100%                        | 91%            | -                             | 100%                      |
| Ertapenem  | -                              | -                           | 100%                        | 100%   | 100%                        | 100%           | -                             | 100%                      |
| Meropenem  | 100%                           | -                           | 100%                        | 100%   | 100%                        | 100%           | 100%                          | 100%                      |
| Ciprofloxacin  | 100%                           | -                           | 100%                        | 94%  | 100%                        | 84%            | -                             | 100%                      |
| Levofloxacin   | 100%                           | -                           | 100%                        | 94%  | 100%                        | 85%            | 100%                          | 100%                      |
| TMP/SMX  | 100%                           | -                           | 100%                        | 100%   | 100%                        | 81%            | 71%                           | 100%                      |
| Clindamycin  | -                              | -                           | -                           | -  | -                           | -              | -                             | -                         |
| Metronidazole  | -                              | -                           | -                           | -  | -                           | -              | -                             | -                         |

| A  | B                            | C                            | D                        | E                             | F                          | G                                   |
|--|------------------------------|------------------------------|--------------------------|-------------------------------|----------------------------|-------------------------------------|
| Antibiogram 2022 (January-December 2021) - Sanford Fargo Outpatients (Excluding Urine Sources) |                              |                              |                          |                               |                            |                                     |
| Organism   | <30 isolates                 | <<30 isolates                | <30 isolates             |                               | < 30 isolates              | < 30 isolates                       |
|  | <i>Klebsiella pneumoniae</i> | <i>Moraxella catarrhalis</i> | <i>Proteus mirabilis</i> | <i>Pseudomonas aeruginosa</i> | <i>Serratia marcescens</i> | <i>Stenotrophomonas maltophilia</i> |
| <b>Total isolates</b>  | <b>21</b>                    | <b>11</b>                    | <b>27</b>                | <b>145</b>                    | <b>16</b>                  | <b>16</b>                           |
|  | <b>Susceptible isolates</b>  |                              |                          |                               |                            |                                     |
| Amoxicillin/Clavulanic acid  | 100%                         | 100%                         | 100%                     | -                             | -                          | -                                   |
| Ampicillin   | -                            | -                            | 88%                      | -                             | -                          | -                                   |
| Piperacillin/Tazobactam  | 100%                         | -                            | 100%                     | 88%                           | 100%                       | -                                   |
| Cefazolin  | 95%                          | -                            | 96%                      | -                             | -                          | -                                   |
| Cefepime   | 100%                         | -                            | 96%                      | 91%                           | 100%                       | -                                   |
| Cefoxitin  | 95%                          | -                            | 100%                     | -                             | -                          | -                                   |
| Ceftazidime  | 100%                         | -                            | 96%                      | 93%                           | 100%                       | 50%                                 |
| Ceftriaxone  | 100%                         | -                            | 96%                      | -                             | 100%                       | -                                   |
| Amikacin   | 100%                         | -                            | 100%                     | 99%                           | 100%                       | -                                   |
| Gentamycin   | 100%                         | -                            | 92%                      | 95%                           | 100%                       | -                                   |
| Tobramycin   | 100%                         | -                            | 92%                      | 97%                           | 100%                       | -                                   |
| Ertapenem  | 100%                         | -                            | 100%                     | -                             | 100%                       | -                                   |
| Meropenem  | 100%                         | -                            | 100%                     | 95%                           | 100%                       | -                                   |
| Ciprofloxacin  | 100%                         | -                            | 88%                      | 93%                           | 96%                        | -                                   |
| Levofloxacin   | 100%                         | 100%                         | 96%                      | 90%                           | 96%                        | 93%                                 |
| TMP/SMX  | 100%                         | 100%                         | 92%                      | -                             | 100%                       | 100%                                |
| Erythromycin   | -                            | 100%                         | -                        | -                             | -                          | -                                   |