

# Strong Memorial Hospital Antibiotic Susceptibility Profile

(Data Collected 7/1/2018- 6/30/2019)

## Percent of Isolates Susceptible to Achievable Serum Levels

### Isolates from Outpatient Community Urology Patients

| ORGANISM                       | No. of Non-Duplicate Isolates | Amikacin | Gentamicin      | Tobramycin | Ampicillin | Amoxicillin-Clavulanate | Ampicillin-Sulbactam | Penicillin | Piperacillin-Tazobactam | Oxacillin | Imipenem | Meropenem | Ertapenem | Aztreonam | Cefazolin | Cefepime | Ceftriaxone | Vancomycin | Linezolid | Erythromycin | Clindamycin | TMP-SMZ | Ciprofloxacin | Levofloxacin | Moxifloxacin | Nitrofurantoin <sup>a</sup> | Tetracycline | Tigecycline | Minocycline |
|--------------------------------|-------------------------------|----------|-----------------|------------|------------|-------------------------|----------------------|------------|-------------------------|-----------|----------|-----------|-----------|-----------|-----------|----------|-------------|------------|-----------|--------------|-------------|---------|---------------|--------------|--------------|-----------------------------|--------------|-------------|-------------|
| <i>E. coli</i>                 | 1357                          | 99       | 91              | 97         | 55         |                         | 76                   |            | 98                      |           | 100      | 100       | 100       | 94        | 90        | 98       | 92          |            |           |              |             | 76      | 72            | 72           | 71           | 95                          |              | 100         |             |
| <i>Kleb. pneumoniae</i>        | 439                           | 100      | 97              | 97         | 0          |                         | 87                   |            | 97                      |           | 100      | 100       | 100       | 94        | 92        | 98       | 94          |            |           |              |             | 89      | 91            | 93           | 91           | 69                          |              | 100         |             |
| <i>Enterobacter cloacae</i>    | 117                           | 100      | 97              | 99         | 0          |                         |                      |            | 82                      |           | 96       | 100       | 94        | 84        | 14        | 99       | 77          |            |           |              |             | 84      | 96            | 96           | 96           | 90                          |              | 99          |             |
| <i>Serratia marcescens</i>     | 42                            | 100      | 100             | 100        | 0          |                         |                      |            |                         |           | 100      | 100       | 100       | 100       | 0         | 100      | 97          |            |           |              |             | 100     | 88            | 95           | 90           |                             |              | 100         |             |
| <i>Proteus mirabilis</i>       | 168                           | 100      | 93              | 96         | 84         |                         | 96                   |            | 100                     |           | 98       | 100       | 100       | 99        | 97        | 99       | 99          |            |           |              |             | 87      | 86            | 88           | 81           |                             |              |             |             |
| <i>Ps. aeruginosa</i>          | 234                           | 97       | 96              | 97         |            |                         |                      |            | 98                      |           | 95       | 97        |           | 94        |           | 99       |             |            |           |              |             |         | 87            |              |              |                             |              |             |             |
| <i>S. maltophilia</i>          | 18                            |          |                 |            |            |                         |                      |            |                         |           |          |           |           |           |           |          |             |            |           |              |             | 94      |               | 84           |              |                             |              |             | 100         |
| <i>Acinetobacter baumannii</i> | 31                            | 100      | 100             | 100        |            |                         | 100                  |            | 100                     |           | 100      | 100       |           |           |           | 96       |             |            |           |              |             | 96      | 96            |              |              |                             |              | 100         | 100         |
| <i>Staph aureus</i>            | 93                            |          | 100             |            |            | 61                      |                      | 30         |                         | 61        |          |           |           |           | 61        |          |             | 100        | 100       | 39           | 55          | 97      |               |              | 56           | 100                         | 95           | 100         |             |
| <i>Staph Coag Neg</i>          | 34                            |          | 100             |            |            | 71                      |                      | 42         |                         | 71        |          |           |           |           | 71        |          |             | 100        | 100       | 45           | 67          |         |               |              | 88           | 97                          | 100          | 100         |             |
| <i>Enterococcus faecium</i>    | 46                            |          | 86 <sup>b</sup> |            | 19         |                         |                      | 19         |                         |           |          |           |           |           |           |          |             | 59         | 100       |              |             |         |               |              |              | 41                          | 23           | 100         |             |
| <i>Enterococcus faecalis</i>   | 627                           |          | 83 <sup>b</sup> |            | 98         |                         |                      | 98         |                         |           |          |           |           |           |           |          |             | 98         | 99        |              |             |         |               |              |              | 99                          | 26           | 100         |             |

<sup>a</sup>Susceptible to levels achievable in urine only.

<sup>b</sup>Susceptible to high level gentamicin.