

**ANTIBIOTIC FORMULARY 2007**

| <u>NAME (TRADE NAME)</u>         | <u>DOSAGE FORM</u> | <u>USUAL ADULT DOSE</u> | <u>DRUG COST/DAY</u> |
|----------------------------------|--------------------|-------------------------|----------------------|
| Amoxicillin                      | Cap.               | 250 or 500mg q 8h*      | \$0.18-0.27          |
| Amoxicillin/Clav. (Augmentin®)   | Tab.               | 250 or 500mg q 8h*      | \$2.76-7.89          |
|                                  |                    | 875mg q 12h*            | \$4.20               |
| Ampicillin                       | Cap.               | 250 or 500mg q 6h*      | \$0.32-0.64          |
|                                  | Inj.               | 1 or 2gm q 6h*          | \$16.40-25.68        |
| Azithromycin (Zithromax®)        | Cap.               | 500mg X1 → 250mg QDX4   | \$12.84 → 6.42       |
|                                  | Inj.               | 500mg QD                | \$11.49              |
| Aztreonam (Azactam®)             | Inj.               | 1gm q 8h*               | \$72.06              |
| Cefaclor (Ceclor®)               | Cap.               | 250 or 500mg q 8h*      | \$0.78-1.44          |
| Cefazolin (Ancef®/Kefzol®)       | Inj.               | 1gm q 8h*               | \$7.93               |
| Cefepime (Maxipime®)             | Inj.               | 1gm q 12h*              | \$29.86              |
| Cefoxitin (Mefoxin®)             | Inj.               | 1-2gm preop             | \$5.13-10.26         |
| Cefpodoxime (Vantin®)            | Tab.               | 200mg q 12h*            | \$5.58               |
| Cefuroxime (Ceftin®)             | Tab.               | 250-500mg q 12h*        | \$0.44-0.78          |
| (Zinacef®/Kefurox®)              | Inj.               | 750mg q 8h*             | \$5.82               |
| Ceftriaxone (Rocephin®)          | Inj.               | 1gm q 24h               | \$3.71               |
| Cephalexin (Keflex®)             | Cap.               | 250 or 500mg q 6h*      | \$0.32-0.56          |
| Ciprofloxacin (Cipro®)           | Tab.               | 250 or 500mg q 12h      | \$0.10               |
|                                  | Inj.               | 200 or 400mg q 12h      | \$6.06-11.66         |
| Clindamycin                      | Cap.               | 150-450mg q 6h          | \$1.72-5.16          |
|                                  | Inj.               | 600 or 900mg q 8h       | \$30.12-36.81        |
| Dicloxacillin                    | Cap.               | 250-500mg q 6h          | \$0.88-1.76          |
| Doxycycline                      | Tab.               | 50 or 100mg q 12h       | \$0.12-0.12          |
|                                  | Inj.               | 100-200mg/day           | \$3.78-7.56          |
| Erythromycin                     | Tab.               | 250 or 500mg q 6h       | \$0.36-0.68          |
|                                  | Inj.               | 1-4gm/day               | \$11.66-46.64        |
| Gentamicin                       | Inj.               | 1.5mg/Kg q 8h*          | \$0.68               |
| Metronidazole (Flagyl®)          | Tab.               | 250 or 500mg q 8h       | \$0.15-0.24          |
|                                  | Inj.               | 500mg q 8-12h           | \$2.50-3.75          |
| Moxifloxacin (Avelox®)           | Tab.               | 400mg q 24h             | \$7.43               |
|                                  | Inj.               | 400mg q 24h             | \$11.66              |
| Nafcillin                        | Inj.               | 1 or 2gm q 4h           | \$38.10-73.86        |
| Penicillin-V                     | Tab.               | 250-500mg q 6h*         | \$0.32-0.60          |
| Penicillin-G                     | Inj.               | 1-5 M.Units q 4h*       | \$32.32              |
| Piperacillin/Tazobactam (Zosyn®) | Inj.               | 3.375gm q 6h*           | \$73.40              |
| Tetracycline                     | Cap.               | 250 or 500mg q 6h       | \$0.12-0.16          |
| Tobramycin                       | Inj.               | 1.5mg/Kg q 8h*          | \$1.24               |
| Trimethoprim/Sulfamethoxazole    | Tab.               | 80mg/400mg q 12h*       | \$0.18               |
| (Septra®/Bactrim®)               | DS Tab.            | 160mg/800mg q 12h*      | \$0.50               |
|                                  | Inj.               | 160mg/800mg q 6h*       | \$4.62               |
| Vancomycin                       | Inj.               | 19mg/Kg q 12h*          | \$8.54               |

\*Decrease dose or extend interval in renal failure and the elderly.  
 Doses listed are for infections caused by susceptible organisms in approved indications.  
 Consult medication references or contact a pharmacist for additional information.  
 DISPENSING AND ADMINISTRATION FEE APPLIED TO EACH DOSE



**Microbiology Laboratory**

Larry Konick, M.D., Clinical Director  
 Mohammad Ourani, M.S., SM (ASCP)  
 Senior Specialist

**ANTIMICROBIC  
 SUSCEPTIBILITY  
 REPORT**

January 2006 - December 2006

**2006 CUMULATIVE ANTIMICROBIC SUSCEPTIBILITY REPORT**  
**PERCENT SUSCEPTIBLE. Please note: Percentages do not include intermediate calls.**

| NON-URINE ISOLATES           | Number of Isolates        | Organism   |                     |           |                   |                   |           |          |            |               |              |                         |            |                   |             |              |           |              |          |              |            |                           |              |                |              |       |
|------------------------------|---------------------------|------------|---------------------|-----------|-------------------|-------------------|-----------|----------|------------|---------------|--------------|-------------------------|------------|-------------------|-------------|--------------|-----------|--------------|----------|--------------|------------|---------------------------|--------------|----------------|--------------|-------|
|                              |                           | Ampicillin | Amoxicillin / Clav. | Cefazolin | Cefuroxime Sodium | Cefuroxime Axetil | Ceftazone | Cefepime | Gentamicin | Ciprofloxacin | Piperacillin | Piperacillin Tazobactam | Tobramycin | Trimethoprim Sulf | Clindamycin | Erythromycin | Oxacillin | Penicillin G | Rifampin | Tetracycline | Vancomycin | Gentamicin Synergy Screen | Moxifloxacin | Nitrofurantoin | Levofloxacin |       |
| E. coli                      | 348                       | 60         | 70                  | 94        | 89                | 85                | 99        | 100      | 99         | 91            | 75           | 99                      | 98         | 84                |             |              |           |              |          |              |            |                           |              |                |              |       |
| Pseudomonas aeruginosa       | 213                       |            |                     |           |                   |                   |           | 93       | 87         | 87            | 96           | 96                      | 98         |                   |             |              |           |              |          |              |            |                           |              |                |              |       |
| Klebsiella pneumoniae        | 94                        | 0          | 99                  | 99        | 96                | 93                | 100       | 100      | 99         | 100           | 0            | 100                     | 100        | 99                |             |              |           |              |          |              |            |                           |              |                |              |       |
| Klebsiella oxytoca           | 30                        | 0          | 63                  | 47        | 70                | 67                | 93        | 93       | 100        | 80            | 0            | 80                      | 100        | 100               |             |              |           |              |          |              |            |                           |              |                |              |       |
| Enterobacter cloacae         | 59                        | 0          | 0                   | 0         | 17                | 7                 | 72        | 87       | 88         | 83            | 68           | 73                      | 90         | 88                |             |              |           |              |          |              |            |                           |              |                |              |       |
| Proteus mirabilis            | 56                        | 74         | 98                  | 88        | 93                | 84                | 100       | 100      | 95         | 72            | 100          | 100                     | 95         | 70                |             |              |           |              |          |              |            |                           |              |                |              |       |
| Serratia marcescens          | 55                        | 0          | 0                   | 0         | 0                 | 0                 | 96        | 100      | 100        | 91            | 95           | 98                      | 98         | 100               |             |              |           |              |          |              |            |                           |              |                |              |       |
| Stenotrophomonas maltophilia | 43                        |            |                     |           |                   |                   |           |          |            |               |              |                         |            | 95                |             |              |           |              |          |              |            |                           |              |                |              |       |
| Enterococcus sp.             | 109                       | 94         |                     |           |                   |                   |           |          |            |               |              |                         |            |                   |             |              |           |              |          |              | 94         | 77                        |              |                |              |       |
| Staphylococcus aureus        | 2053                      |            | 49                  | 49        |                   |                   |           | 100      |            |               |              |                         |            | 100               | 88          | 40           | 49        | 4            | 100      | 95           | 100        |                           | 88           |                |              |       |
| Coagulase negative Staph     | 517                       |            | 39                  | 39        |                   |                   |           | 86       |            |               |              |                         |            | 70                | 38          | 39           | 8         | 95           | 83       | 100          |            | 69                        |              |                |              |       |
| Streptococcus pneumoniae     |                           |            |                     |           |                   |                   |           |          |            |               |              |                         |            |                   |             |              | 82        |              |          |              |            |                           |              |                |              |       |
| <b>URINE ISOLATES</b>        |                           |            |                     |           |                   |                   |           |          |            |               |              |                         |            |                   |             |              |           |              |          |              |            |                           |              |                |              |       |
|                              | <b>Number of Isolates</b> |            |                     |           |                   |                   |           |          |            |               |              |                         |            |                   |             |              |           |              |          |              |            |                           |              |                |              |       |
| E. coli                      | 3574                      | 62         | 69                  | 95        | 88                | 82                | 99        | 99       | 96         | 90            | 76           | 99                      | 97         | 83                |             |              |           |              |          |              |            |                           |              |                |              | 95    |
| Pseudomonas aeruginosa       | 162                       |            |                     |           |                   |                   |           | 90       | 84         | 60            | 94           | 96                      | 96         |                   |             |              |           |              |          |              |            |                           |              |                |              |       |
| Klebsiella pneumoniae        | 552                       | 0          | 94                  | 99        | 94                | 92                | 99        | 99       | 100        | 97            | 0            | 100                     | 100        | 95                |             |              |           |              |          |              |            |                           |              |                |              | 26    |
| Proteus mirabilis            | 382                       | 47         | 86                  | 73        | 82                | 68                | 99        | 99       | 96         | 42            | 91           | 100                     | 96         | 54                |             |              |           |              |          |              |            |                           |              |                |              | 0     |
| Klebsiella oxytoca           | 62                        | 0          | 85                  | 74        | 94                | 94                | 100       | 100      | 100        | 97            | 0            | 95                      | 100        | 97                |             |              |           |              |          |              |            |                           |              |                |              | 69    |
| Enterobacter cloacae         | 64                        | 0          | 0                   | 0         | 73                | 14                | 8         | 100      | 98         | 94            | 77           | 86                      | 98         | 84                |             |              |           |              |          |              |            |                           |              |                |              | 20    |
| Enterobacter aerogenes       | 62                        | 0          | 0                   | 0         | 73                | 69                | 84        | 100      | 100        | 90            | 79           | 84                      | 92         | 89                |             |              |           |              |          |              |            |                           |              |                |              | 5     |
| Citrobacter freundii         | 79                        | 0          | 0                   | 0         | 66                | 66                | 85        | 100      | 81         | 81            | 71           | 91                      | 90         | 64                |             |              |           |              |          |              |            |                           |              |                |              | 85    |
| Enterococcus sp.             | 458                       | 95         |                     |           |                   |                   |           |          |            |               |              |                         |            |                   |             |              |           |              |          |              | 25         | 96                        |              |                |              | 93 60 |
| Staphylococcus aureus        | 128                       |            | 38                  | 38        |                   |                   |           | 98       |            |               |              |                         |            |                   | 38          | 2            |           |              | 98       | 100          |            | 59                        | 96           |                |              |       |
| Coagulase negative Staph     | 209                       |            | 29                  | 29        |                   |                   |           | 84       |            |               |              |                         |            |                   | 29          | 6            |           |              | 92       | 100          |            | 45                        | 100          |                |              |       |

Please note:

For Enterobacteriaceae, some isolates may be susceptible to Cefazolin when resistant to other first generation cephalosporins.

Penicillin susceptible staphylococci are also susceptible to other penicillins, beta lactamase inhibitor combinations, cepheps, and carbapenems approved for use by the FDA for staphylococcal infections. Penicillin-resistant, oxacillin-susceptible strains are resistant to beta-lactamase labile penicillins but susceptible to beta-lactamase-stable penicillins, beta-lactamase inhibitor combinations, relevant cepheps and carbapenems. Oxacillin-resistant staphylococci are resistant to all currently available beta-lactam antibiotics.