

Percent Susceptibility of Organisms Isolated From Blood, 44 hospitals , Jan - Dec 2009.

| Organism isolated from blood  | TOTAL ISOLATION | BETA - LACTAM |             |             |                             |                      |                         |                         |             |                   |                       |             |             |             | CARBAPENEM  |           |            | QUINOLONE   |             |               |                         | AMINOGLYCOSIDE          |             |             | GLYCOPEPTIDE |                          | MISCELLANEOUS            |                          |             |             |             |              |                          |                 |                         |              |            |
|---|-----------------|---------------|-------------|-------------|-----------------------------|----------------------|-------------------------|-------------------------|-------------|-------------------|-----------------------|-------------|-------------|-------------|-------------|-----------|------------|-------------|-------------|---------------|-------------------------|-------------------------|-------------|-------------|--------------|--------------------------|--------------------------|--------------------------|-------------|-------------|-------------|--------------|--------------------------|-----------------|-------------------------|--------------|------------|
|   |                 | PENICILLIN    | AMPICILLIN  | OXAICILLIN  | AMOXICILLIN/CLAVULANIC ACID | AMPICILLIN/SULBACTAM | PIPERACILLIN/TAZOBACTAM | CEFZOLIN                | CEPHALOTHIN | CEFUROXIME SODIUM | CEFOPERAZONESULBACTAM | CEFOTAXIME  | CEFTAZIDIME | CEFTRIAXONE | CEFEPIME    | CEFOXITIN | ERTAPENEM  | MIPENEM     | MEROPENEM   | CIPROFLOXACIN | LEVOFLOXACIN            | NORFLOXACIN             | OFLOXACIN   | AMIKACIN    | GENTAMICIN   | GENTAMICIN 120 µg        | NETILMICIN               | VANCOMYCIN               | TEICoplanin | FOSFOMYCIN  | CLINDAMYCIN | ERYTHROMYCIN | NITROFURANTOIN           | CHLORAMPHENICOL | CO-TRIMOXAZOLE          | TETRACYCLINE |            |
| <i>Acinetobacter calcoaceticus-baumanni complex</i>                     | 837             | -             | -           | -           | -                           | 39.1 (302)           | 37.8 (645)              | -                       | -           | -                 | 51.9 (792)            | 2.9 (490)   | 30.2 (817)  | 3.2 (309)   | 38.7 (184)  | -         | -          | 47.3 (728)  | 36.7 (606)  | 41.9 (780)    | 37.2 (261)              | -                       | -           | 46.9 (815)  | 42.2 (801)   | -                        | -                        | -                        | -           | -           | -           | -            | -                        | -               | -                       | -            | 10.8 (148) |
| <i>Acinetobacter sp.</i>  | 341             | -             | -           | -           | -                           | 47.2 (36)            | 72.6 (60)               | -                       | -           | -                 | 60.8 (189)            | 17.6 (238)  | 36.6 (265)  | 21.8 (206)  | 33.3 (45)   | -         | -          | 46.5 (202)  | 47.6 (145)  | 52.9 (187)    | 88.2 (17)               | -                       | -           | 59.2 (272)  | 56.8 (273)   | -                        | -                        | -                        | -           | -           | -           | -            | -                        | -               | -                       | 57.1 (77)    |            |
| <i>Enterobacter cloacae</i>   | 265             | -             | 2.6 (229)   | -           | 10.1 (208)                  | 18.4 (49)            | 77 (183)                | 6 (168)                 | 2.2 (45)    | 54.1 (135)        | -                     | 51.2 (240)  | 64.5 (256)  | 67.4 (129)  | -           | -         | 88 (50)    | 98.8 (171)  | 78.8 (236)  | -             | 75.4 (57)               | 100 (42)                | 88.8 (258)  | 72.4 (261)  | -            | -                        | -                        | -                        | -           | -           | -           | -            | 72.1 (43)                | -               | 52.4 (48)               |              |            |
| <i>Enterobacter sp.</i>   | 146             | -             | 6.9 (130)   | -           | 18.8 (48)                   | 38.4 (73)            | 73.2 (42)               | 22.2 <sup>OT</sup> (63) | 13.6 (81)   | 44.1 (34)         | -                     | 50 (112)    | 64.4 (118)  | 48.1 (52)   | -           | -         | 85.1 (67)  | 96.2 (53)   | 79.5 (117)  | -             | -                       | -                       | 91.1 (135)  | 70.4 (135)  | -            | -                        | -                        | -                        | -           | -           | -           | -            | -                        | -               | 36.2 <sup>OT</sup> (58) |              |            |
| <i>Escherichia coli</i>   | 4,405           | -             | 19.1 (3953) | -           | 72.6 (3115)                 | 59.5 (1132)          | 95.0 (2029)             | 66.4 (2578)             | 35.5 (1055) | 71.7 (1855)       | -                     | 70.8 (3655) | 77.6 (3966) | 73 (2113)   | 87.2 (867)  | -         | 97.6 (208) | 97.7 (2983) | 99.4 (2088) | 61.9 (3511)   | 58.9 (822)              | 72.3 (354)              | 60.3 (131)  | 98.5 (4061) | 76.9 (4177)  | -                        | -                        | -                        | -           | -           | -           | -            | 72.2 (787)               | -               | 32 (819)                |              |            |
| <i>Klebsiella pneumoniae</i>  | 1,935           | -             | 0.4 (1712)  | -           | 73.0 (1309)                 | 71.1 (537)           | 76.7 (931)              | 69.1 (1046)             | 65.8 (486)  | 69.6 (822)        | -                     | 67.8 (1619) | 73.3 (1712) | 69.5 (914)  | 82.2 (348)  | -         | 97.7 (88)  | 96.9 (1311) | 98.4 (977)  | 71.9 (1572)   | 83.4 (435)              | 80.5 (113)              | 87.0 (1747) | 95.7 (1836) | 79.1 (1836)  | -                        | -                        | -                        | -           | -           | -           | -            | 78.1 (288)               | 66.6 (1720)     | 62.5 (285)              |              |            |
| <i>Proteus mirabilis</i>  | 228             | -             | 63.7 (204)  | -           | 91.9 (160)                  | 87.3 (63)            | 98.8 (84)               | 86.2 (130)              | 83.3 (66)   | 92.9 (112)        | -                     | 91.5 (189)  | 98.0 (205)  | 95.6 (114)  | -           | -         | 82.2 (146) | 98.9 (89)   | 85.2 (182)  | 78.9 (47)     | 91.3 <sup>OT</sup> (46) | 87.5 <sup>95</sup> (64) | 99.5 (211)  | 91.0 (222)  | -            | -                        | -                        | -                        | -           | -           | -           | 47.9 (48)    | 52.7 (205)               | 8.5 (47)        |                         |              |            |
| <i>Pseudomonas aeruginosa</i>   | 659             | -             | -           | -           | -                           | -                    | 83.7 (473)              | -                       | -           | -                 | -                     | -           | 77.7 (628)  | -           | -           | -         | 82.7 (565) | 74.8 (429)  | 74.9 (598)  | 82.6 (172)    | 88.6 <sup>97</sup> (70) | -                       | 75.0 (633)  | 71.3 (610)  | -            | 74.7 (300)               | -                        | -                        | -           | -           | -           | -            | -                        | -               | -                       | -            |            |
| <i>Salmonella, Non-typhoidal</i>  | 305             | -             | 32.9 (240)  | -           | -                           | -                    | -                       | -                       | -           | -                 | -                     | 73.0 (163)  | -           | 77.9 (145)  | -           | -         | -          | -           | -           | -             | 45.7 (92)               | -                       | 99.2 (122)  | -           | -            | -                        | -                        | -                        | -           | -           | -           | -            | -                        | -               | 83.1 (83)               | 81.4 (294)   | -          |
| <i>Enterococcus faecalis</i>  | 301             | 90.2 (31)     | -           | -           | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | -           | -         | -          | -           | -           | 32.3 (62)     | 60.0 <sup>OT</sup> (30) | 35.5 (62)               | -           | -           | 68.1 (254)   | -                        | 96.8 (277)               | 97.3 <sup>OT</sup> (73)  | -           | -           | 17.6 (75)   | -            | 74.4 (139)               | -               | 16.1 (155)              |              |            |
| <i>Enterococcus faecium</i>   | 138             | 31.4 (35)     | -           | -           | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | -           | -         | -          | -           | -           | 20.0 (30)     | 21.6 <sup>OT</sup> (37) | 14.3 (42)               | -           | -           | 35 (123)     | -                        | 97 (133)                 | 94.7 (57)                | -           | -           | 9.3 (75)    | -            | 84.0 (75)                | -               | 14.7 (95)               |              |            |
| <i>Staphylococcus aureus</i> (all isolates)                             | 1,584           | 7.0 (1072)    | -           | 69.4 (834)  | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | 71.9 (1320) | -         | -          | -           | 82.7 (220)  | 74.3 (167)    | 94.2 (52)               | 90.5 (147)              | -           | 81.1 (1336) | -            | -                        | 99.1 (329)               | 92.4 (145)               | 75.7 (1381) | 68.0 (1496) | -           | 95.8 (260)   | 83.1 (1258)              | 43 (365)        |                         |              |            |
| <i>Staphylococcus aureus</i> , MRSA                                     | 313             | -             | -           | 0 (137)     | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | 0 (313)     | -         | -          | -           | 2.0 (99)    | 0 (39)        | -                       | -                       | -           | 14.0 (264)  | -            | 99.4 <sup>OT</sup> (165) | 91.1 <sup>OT</sup> (45)  | 7.8 (268)                | 2.3 (306)   | -           | 87.9 (124)  | 33.6 (235)   | 20.6 <sup>OT</sup> (136) |                 |                         |              |            |
| <i>Staphylococcus aureus</i> , MSSA                                     | 996             | 9.0 (676)     | -           | 86.1 (440)  | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | 95.6 (996)  | -         | -          | -           | 93.6 (125)  | 100 (97)      | 93.8 (48)               | 100 (75)                | -           | 99.0 (264)  | -            | 99.7 <sup>OT</sup> (335) | 99.2 <sup>OT</sup> (118) | 93.0 (892)               | 86.0 (968)  | -           | 96.5 (173)  | 96.1 (796)   | 52.9 <sup>OT</sup> (596) |                 |                         |              |            |
| <i>Staphylococcus, coagulase negative</i> (all isolates)                | 6,982           | 13.5 (4082)   | -           | 49.2 (3767) | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | 52.3 (5237) | -         | -          | -           | 71.8 (698)  | 74.2 (667)    | 72.0 (161)              | 75.9 (324)              | -           | 73.0 (5063) | -            | -                        | 97.5 (387)               | 50.4 (5369)              | 66.0 (5993) | 50.7 (926)  | 85.4 (926)  | 63.4 (5807)  | 51.7 (1231)              |                 |                         |              |            |
| Methicillin resistant, coagulase negative <i>Staphylococcus</i> , MRCNS | 1,750           | 0 (1081)      | -           | 0 (750)     | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | 0 (1750)    | -         | -          | -           | 10.1 (79)   | 25.3 (150)    | 37.1 (35)               | 12.5 (32)               | -           | 29.7 (1345) | -            | -                        | 99.1 (423)               | 37.8 (45)                | 21.8 (1295) | 11.7 (1681) | -           | 76.0 (176)   | 32.1 (1623)              | 48.8 (408)      |                         |              |            |
| Methicillin sensitive, coagulase negative <i>Staphylococcus</i> , MSCNS | 3,342           | 21.6 (2264)   | -           | 71.2 (1882) | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | 83.8 (3342) | -         | -          | -           | 88.4 (189)  | 95.7 (257)    | 85.0 (107)              | 95.7 (92)               | -           | 93.3 (2700) | -            | -                        | 99.1 (456)               | 72.2 <sup>OT</sup> (198) | 84.3 (2960) | 71.9 (3216) | -           | 87.8 (402)   | 82.3 (2992)              | 54.5 (387)      |                         |              |            |
| <i>Streptococcus agalactiae</i>   | 309             | 98.3 (290)    | -           | -           | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | -           | -         | -          | -           | -           | -             | -                       | -                       | -           | -           | -            | -                        | 98.1 (259)               | -                        | -           | 93.7 (190)  | 90.7 (291)  | -            | 93.1 (159)               | -               | 6.6 (106)               |              |            |
| <i>Streptococcus, beta-haem. not Group A,B</i>                          | 172             | 97.9 (140)    | -           | -           | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | -           | -         | -          | -           | -           | -             | -                       | -                       | -           | -           | -            | -                        | 97.1 (139)               | -                        | -           | 82.1 (123)  | 76.1 (159)  | -            | 81.4 (97)                | -               | 21.2 (52)               |              |            |
| <i>Streptococcus pneumoniae</i>   | 406             | 19.4 (103)    | -           | -           | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | -           | -         | -          | -           | -           | -             | -                       | -                       | -           | -           | -            | -                        | 100 (369)                | -                        | -           | 80.5 (266)  | 70.2 (363)  | -            | 85.4 (295)               | 42.8 (311)      | 47.3 (239)              |              |            |
| <i>Streptococcus pyogenes</i>   | 362             | 99.7 (301)    | -           | -           | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | -           | -         | -          | -           | -           | -             | -                       | -                       | -           | -           | -            | -                        | 99.7 (313)               | -                        | -           | 90.2 (285)  | 86.4 (346)  | -            | 81.6 (226)               | -               | 7.7 (156)               |              |            |
| Viridans <i>Streptococcus</i>   | 749             | 45.9 (643)    | -           | -           | -                           | -                    | -                       | -                       | -           | -                 | -                     | -           | -           | -           | -           | -         | -          | -           | -           | -             | -                       | -                       | -           | -           | -            | -                        | 98.4 (675)               | -                        | -           | 60.0 (470)  | 55.5 (737)  | -            | 83.5 (424)               | 10.7 (252)      | -                       |              |            |

