

Percent Susceptibility of Organisms Isolated From Blood, 40 hospitals , Jan - Sep 2014

| Organism isolated from blood | | BETA - LACTAMS | | | | | | | | | | | | | CARBAPENEM | | | QUINOLONES | | | AMINOGLYCOSIDES | | | GLYCOPEPTIDES | | | MISCELLANEOUS | | | | | | | |
|---|---|------------------------------|-------------|-------------|-----------------------------|----------------------|-------------------------|-------------|-------------------|--------------------------|-------------|-------------|-------------|-------------|------------|------------|------------|-------------|---------------|--------------|-----------------|-------------|-------------|-------------------|------------|-------------|----------------------|-------------|-------------|-------------|--------------|-----------------|----------------|--------------|
| | | TOTAL ISOLATES | PENICILLIN | AMPICILLIN | AMOXICILLIN/CLAVULANIC ACID | AMPICILLIN/SULBACTAM | PIPERACILLIN/TAZOBACTAM | CEFZOLIN | CEFUROXIME SODIUM | CEFOPERAZONE/SULBACTAM * | CEFOTAXIME | CEFTAZIDIME | CEFTRIAXONE | CEFEPIME | CEFOXITIN | ERTAPENEM | IMPENEM | MEROPENEM | CIPROFLOXACIN | LEVOFLOXACIN | OFLOXACIN | AMIKACIN | GENTAMICIN | GENTAMICIN 120 µg | NETILMICIN | VANCOMYCIN | VANCOMYCIN BY E-TEST | TEICoplanin | FOSFOMYCIN | CLINDAMYCIN | ERYTHROMYCIN | CHLORAMPHENICOL | CO-TRIMOXAZOLE | TETRACYCLINE |
| Gram negative | <i>Acinetobacter calcoaceticus-baumanni complex</i> | 912 | - | - | - | 38.7 (341) | 41.3 (880) | - | - | 51.4 (599) | 3.4 (387) | 42.5 (741) | 6.4 (297) | 39.1 (23) | - | - | 43.9 (594) | 43 (762) | 44.8 (678) | 46.7 (212) | - | 52.9 (820) | 45 (722) | - | - | - | - | - | - | - | - | - | - | 48.1 (77) |
| | <i>Acinetobacter spp.</i> | 231 | - | - | - | 64.9 (37) | 48.9 (131) | - | - | 47.6 (208) | 15.7 (178) | 34.7 (225) | 15.5 (181) | 18.8 (16) | - | - | 37.1 (210) | 39.9 (218) | 37.7 (199) | - | - | 65 (226) | 41 (227) | - | - | - | - | - | - | - | - | - | - | - |
| | <i>Enterobacter cloacae</i> | 249 | - | 2.5 (202) | 9.1 (186) | 25 (32) | 76.7 (116) | 8.8 (80) | 55.4 (74) | 79.8 (119) | 61.2 (196) | 64.7 (187) | 69 (116) | 70 (10) | - | 77.4 (31) | 90.3 (145) | 94.5 (165) | 74.2 (186) | 93.6 (47) | - | 2.5 (202) | 78.5 (219) | - | - | - | - | - | - | - | - | - | - | - |
| | <i>Enterobacter spp.</i> | 78 | - | 7.5 (53) | 18.6 (43) | - | 91.1 (45) | - | - | 91.8 (44) | 54.2 (72) | 64 (75) | 60.6 (33) | - | - | 96.1 (51) | 96.4 (56) | 88.9 (63) | - | - | - | 98.7 (77) | 77.9 (77) | - | - | - | - | - | - | - | - | - | - | - |
| | <i>Escherichia coli</i> | 5,575 | - | 14.6 (4422) | 68.2 (3812) | 51.1 (959) | 92.6 (2547) | 62.9 (1938) | 60.5 (1364) | 91 (2305) | 63.8 (4309) | 70.6 (4108) | 63 (2653) | 65.5 (475) | - | 98.6 (555) | 99 (3158) | 99.5 (3296) | 54.7 (4148) | 55.9 (1015) | - | 97.7 (4351) | 69.2 (4747) | - | - | - | - | - | - | - | - | 79 (386) | - | 28.4 (430) |
| | <i>Klebsiella pneumoniae</i> | 1,886 | - | 0.3 (1452) | 72.5 (1202) | 63.3 (311) | 77 (873) | 69.4 (666) | 62.7 (480) | 76.7 (794) | 69.5 (1454) | 69.7 (1372) | 68.8 (938) | 68.3 (180) | - | 96.2 (158) | 97 (1056) | 97.1 (1069) | 70.9 (1394) | 79 (357) | - | 97.1 (1433) | 82.1 (1597) | - | - | - | - | - | - | - | 75.6 (127) | 67.5 (1244) | 79.2 (125) | |
| | <i>Proteus mirabilis</i> | 297 | - | 56.4 (234) | 88.8 (206) | 80.4 (46) | 98.5 (131) | 89.7 (87) | 84.2 (76) | 97.7 (131) | 90.4 (239) | 95.7 (211) | 94.6 (23) | 82.6 (23) | - | 100 (29) | 86.8 (159) | 100 (176) | 82.2 (236) | 84.4 (45) | - | 100 (227) | 82.6 (254) | - | - | - | - | - | - | - | - | 54.3 (230) | - | |
| | <i>Pseudomonas aeruginosa</i> | 710 | - | - | - | - | 77.8 (516) | - | - | 78.6 (509) | - | 80.4 (613) | - | - | - | - | 78.6 (505) | 78.5 (493) | 82.1 (560) | 83.3 (174) | - | 86.1 (596) | 80.8 (590) | - | 82 (211) | - | - | - | - | - | - | - | - | - |
| | <i>Salmonella, Non-typhoidal</i> | 153 | - | 43.5 (124) | - | - | - | - | - | - | 76.4 (106) | - | 71.7 (60) | - | - | - | - | - | 38.2 (102) | 89.7 (29) | - | - | - | - | - | - | - | - | - | - | - | - | 76.5 (119) | - |
| | Gram positive | <i>Enterococcus faecalis</i> | 353 | 79.9 (194) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 31.1 (90) | 62.9 (70) | - | - | 60.7 (28) | - | 98.2 (336) | - | 100 (52) | - | - | - | 12.7 (158) | 74.3 (105) | - | 25.8 (66) |
| <i>Enterococcus faecium</i> | | 204 | 14.3 (91) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.3 (76) | - | - | - | 68.7 (179) | - | 96.8 (186) | - | 95.2 (21) | - | - | 3.9 (103) | 92.9 (70) | - | 11.9 (59) | | |
| <i>Enterococcus spp.</i> | | 236 | 68.3 (145) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 68.4 (193) | - | 97.1 (204) | - | 100 (38) | - | - | 14 (164) | 80.3 (137) | - | 26.3 (137) | | |
| <i>Staphylococcus aureus</i> (all isolates) | | 1,678 | 6.5 (695) | - | - | - | - | - | - | - | - | - | - | 82.1 (1464) | - | - | - | 78.4 (357) | 80.2 (172) | 90.5 (42) | - | 85.3 (1165) | - | - | 100 (17) | 99.4 (176) | 89.5 (617) | 78.5 (1348) | 78.9 (436) | 96.2 (130) | 95.4 (1421) | 41.8 (170) | | |
| <i>Staphylococcus aureus</i> , MRSA | | 272 | 0 (141) | - | - | - | - | - | - | - | - | - | - | 0 (272) | - | - | - | 4.7 (64) | 13.5 (37) | - | - | 18.9 (180) | - | - | 100 (15) | 97.6 (42) | 47.5 (101) | 6.5 (232) | 10.3 (252) | 88.5 (26) | 78.6 (252) | 19.4 (31) | | |
| <i>Staphylococcus aureus</i> , MSSA | | 1,224 | 8 (562) | - | - | - | - | - | - | - | - | - | - | 99.9 (1224) | - | - | - | 94 (300) | 98.5 (137) | 100 (38) | - | 98.4 (957) | - | - | 100 (2) | 100 (90) | 97.8 (507) | 94.1 (1089) | 94.2 (1162) | 98.1 (105) | 99.2 (1148) | 46.4 (140) | | |
| <i>Staphylococcus</i> , coagulase negative (all isolates) | | 6,906 | 12.1 (2609) | - | - | - | - | - | - | - | - | - | - | 45.9 (6219) | - | - | - | 62 (1690) | 66.8 (971) | - | - | 71.1 (4975) | - | - | 100 (4) | 97.1 (1243) | 70.5 (3154) | 55.1 (5683) | 41.4 (6223) | 90.8 (640) | 62.8 (5974) | 58.3 (806) | | |
| Methicillin resistant, coagulase negative <i>Staphylococcus</i> , MRCNS | | 3,431 | 0 (1413) | - | - | - | - | - | - | - | - | - | - | 0 (3431) | - | - | - | 34.1 (929) | 42 (536) | - | - | 48.5 (2631) | - | - | 100 (3) | 95.7 (646) | 64.3 (1584) | 23.2 (56) | 14.2 (3303) | 87.6 (347) | 42.1 (3183) | 57.3 (422) | | |
| Methicillin susceptible, coagulase negative <i>Staphylococcus</i> , MSCNS | | 2,919 | 26 (1205) | - | - | - | - | - | - | - | - | - | - | 99.6 (2919) | - | - | - | 94.5 (788) | 97.1 (444) | - | - | 97.5 (2283) | - | - | 100 (1) | 100 (471) | 76.7 (155) | 73.2 (2638) | 94 (2838) | 94 (300) | 86.6 (2709) | 60.4 (394) | | |
| <i>Streptococcus agalactiae</i> | | 446 | 99.7 (301) | - | - | - | - | - | - | - | 100 (302) | - | 99.2 (128) | - | - | - | - | - | - | - | - | - | - | - | 99.1 (324) | - | - | - | 91.8 (343) | 91.6 (406) | - | - | 59.8 (127) | |
| <i>Streptococcus</i> , beta-haem. not Group A,B | | 184 | 100 (143) | - | - | - | - | - | - | - | 98.2 (114) | - | 97.8 (45) | - | - | - | - | - | - | - | - | - | - | - | 99.3 (138) | - | - | - | 88.6 (156) | 85.6 (167) | - | - | 10.5 (57) | |
| <i>Streptococcus pneumoniae</i> | | 500 | 5.5 ** (91) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 99.3 (273) | - | - | - | - | - | 100 (411) | - | - | - | 76.4 (368) | 90.7 (449) | 90.7 (246) | 56.2 (377) | 32.4 (210) | |
| <i>Streptococcus pyogenes</i> | | 401 | 99.4 (331) | - | - | - | - | - | - | - | 99.6 (250) | - | 100 (125) | - | - | - | - | - | 97.1 (788) | 97.1 (444) | - | - | - | - | 100 (295) | - | - | - | 91 (323) | 90.5 (370) | - | - | 6.8 (103) | |
| <i>Viridans Streptococcus</i> | 861 | 50 NE (28) | - | - | - | - | - | - | - | 84.6 (494) | - | 77.7 (233) | - | - | - | - | - | - | - | - | - | - | - | 99.5 (752) | - | - | - | 53.6 (701) | 47.5 (792) | 88.2 (339) | 10.6 (47) | 30.9 (249) | | |

* : No CLSI Interpretive Criteria. Interpret according to cefoperazone in *Enterobacteriaceae*

** : Interpret according to oxacillin susceptibility test

NE : ใช้ E-test ในการทดสอบ