# Percentage of susceptible Organisms Isolated From Blood, 8 hospitals, RMSc 11&11/1, Jan - Jun 2017

| | Organism | TOTAL ISOLATES | BETA - LACTAMS | | | | | | | | | | | | | | | | CARBAPENEMS | | | | | | POLYMYXINS | QUINOLONES | | | | AMINOGLYCOSIDES | | | | GLYCOPEPTIDES | | | MISCELLANEOUS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PENICILLIN | AMPICILLIN | AMOXICILLIN/ CLAVULANIC ACID | AMPICILLIN / SULBACTAM | PIPERACILLIN / TAZOBACTAM | CEFAZOLIN (A) | CEFUROXIME SODIUM (parenteral) | CEFOPERAZONE / SULBACTAM | CEFOTAXIME | CEFOTAXIME BY MIC [a] | CEFTAZIDIME | CEFTAZIDIME BY MIC | CEFTRIAXONE | CEFEPIME | OXACILLIN | CEFOXITIN | ERTAPENEM | ERTAPENEM BY MIC | IMIPENEM | IMIPENEM BY MIC | MEROPENEM | MEROPENEM BY MIC | COLISTIN BY MIC | NALIDIXIC ACID | CIPROFLOXACIN | LEVOFLOXACIN | OFLOXACIN | AMIKACIN | GENTAMICIN | GENTAMICIN 120 µg | NETILMICIN | VANCOMYCIN | VANCOMYCIN BY MIC | TEICOPLANIN | CLINDAMYCIN | CLINDAMYCIN BY MIC | ERYTHROMYCIN | ERYTHROMYCIN BY MIC | CHLORAMPHENICOL | CO-TRIMOXAZOLE | TETRACYCLINE |
| Gram negative | *Acinetobacter calcoaceticus-baumannii* complex | 138 | | | | 47.6 (63) | 45.9 (109) | | | | 1.9 (53) | - | 48.6 (70) | - | 48.6 (70) | - | | | | | 59.7 (67) | - | 62.9 (70) | - | - [e] | | 57.4 (68) | 55.3 (85) | | 61.5 (109) | - | | - [e] | | | | | | | | - | |
| | *Acinetobacter* spp. | 94 | | | | - | 61.1 (36) | | | | 21.2 (33) | - | 51.5 (33) | - | 28.9 (38) | - | | | | | 70.10 (34) | - | - | - | - [e] | | 73.3 (30) | - | | 79.5 (39) | - | | - [e] | | | | | | | | - | |
| | *Aeromonas hydrophila* | 13 | | | | | - | | - | | - | - | - | - | - | - | | - | - | - | - | - | - | - | | | - | - | | - | - | | | | | | | | - | - | - |
| | *Enterobacter cloacae* | - | | | | | - | | | - | - | - | - | - | - | - | | | - | - | - | - | - | - | - [WT] | | - | - | - | - | - | | - | | | | | | | - | - | - |
| | *Enterobacter* spp. | 291 | | 0 (64) | 10.9 (229) | - - | 77.5 (249) | - | - | 76.4 (182) | 55 (271) | - | 66.9 (272) | - | 61.5 (270) | - | | - | - | - | 83.8 (241) | - | 24.2 (24) | - | | | 72.3 (47) | 86.7 (98) | - | 94.1 (270) | 84.6 (123) | | - | | | | | | | | - | - | - |
| | *Escherichia coli* | 653 | | 23.7 (38) | 74.5 (318) | 56.2 (265) | 93.5 (505) | 70.7 (82) | - | 93.2 (278) | 64.9 (319) | - | 70.1 (318) | - | 671 (538) | 67.6 (34) | | 99.2 (77) | - | - | 99.6 (231) | - | 99.3 (267) | - | - [WT] | | 60.7 (270) | 62.4 (311) | 62.5 (48) | 97.2 (387) | 71.5 (200) | | - | | | | | | | | - | - | 27.8 (36) |
| | *Klebsiella pneumoniae* | 275 | | | 67.7 (132) | 56.2 (89) | 68.7 (195) | - | - | 75.7 (115) | 70.9 (134) | - | 71.6 (134) | - | 67.1 (213) | - | | - | - | 96.1 (102) | 96.3 (108) | - | 70 (120) | - | - [WT] | | - | 73.3 (116) | - | 96.5 (141) | 91.4 (40) | | - | | | | | | | | - | - | - |
| | *Klebsiella* spp. | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | | | - | - | - | - | - | | - | | | | | | | | - | - | - |
| | *Morganella morganii* | - | | | | - | - | | | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | | | - | - | - | - | - | | - | | | | | | | | - | - | - |
| | *Proteus mirabilis* | 38 | | - | - | - | - | - | - | - | - | - | - | - | 97 (33) | - | | - | - | - | - | - | - | - | | | | - | - | 100 (33) | - | | - | | | | | | | | - | - | |
| | *Pseudomonas aeruginosa* | 90 | | | | | 85.3 (68) | | | | | | 91.2 (34) | - | | - | | | | 93.8 (32) | - | - | 93.5 (31) | - | - [e] | | 93.5 (31) | - | 91.7 (48) | 89.9 (69) | - | | - | | | | | | | | | | |
| | Salmonella, typhoidal | - | | - | | | | | | - | - | - | - | - | - | | | | | | | | | | - | - | - [e] | - [e] | | | | | | | | | | | | - | - | |
| | *Salmonella* , Non-typhoidal | - | | - | | | | | | - | - | - | - | - | - | | | | | | | | | | - | - | - [e] | - [e] | | | | | | | | | | | | - | - | |
| Gram positive | *Enterococcus faecalis* | 56 | - | 59.9 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | - [h] | | 98 (49) | - | - | | | - | - | - | | |
| | *Enterococcus faecium* | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - [h] | | - | - | - | | | - | - | - | | |
| | *Enterococcus* spp. | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - [h] | | - | - | - | | | - | - | - | | |
| | *Staphylococcus aureus* (all isolates) | 254 | - | | | | | | | | | | | | | | - [f] | | | | | | | | | | 97.7 (44) | 97.7 (44) | - | - | 94.1 (136) | | - | | - | 100 [e] (32) | 86.8 (167) | - | 87.4 (167) | - | 97.3 (75) | - | 70.1 (77) |
| | (MRSA) | - | - | | | | | | | | | | | | | | - [f] | | | | | | | | | | - | - | - | - | - | | - | | - | - [e] | - | - | - | - | - | - | - |
| | (MSSA) | 174 | - | | | | | | | | | | | | | | - [f] | | | | | | | | | | 97.8 (45) | 100 (42) | - | - | 98.4 (129) | | - | | - | 100 [e] (30) | 91.9 (160) | - | 91.9 (160) | - | 97.1 (69) | - | 73.6 (72) |
| | *Staphylococcus,* coagulase negative | 1254 | - | | | | | | | | | | | | | | - [f] - | | | | | | | | | | 75.7 (144) | 76.3 (190) | - | - | 74 (990) | | - | | - | 100 [e] (188) | 54.6 (1069) | - | 42.1 (1070) | - | 91.2 (433) | - | 55.2 (500) |
| | (MRCNS) | 563 | - | | | | | | | | | | | | | | - [f] - | | | | | | | | | | 42.9 (63) | 39.7 (78) | - | - | 51 (512) | | - | | - | 100 [e] (77) | 28.8 (549) | - | 16 (549) | - | 89.8 (256) | - | 46.3 (287) |
| | (MSCNS) | 548 | - | | | | | | | | | | | | | | - [f] - | | | | | | | | | | 98.8 (82) | 98.2 (114) | - | - | 96.6 (498) | | - | | - | 100 [e] (113) | 79.5 (541) | - | 67.6 (543) | - | 93.2 (191) | - | 67.1 (228) |
| | *Streptococcus agalactiae* | - | - | - | | | | | | | - | - | | | - | - | | | | - [g] | | | | - [g] | | | | - | - | | | - | | | | | | | | - | - | - |
| | *Streptococcus,* beta-haem. not Group A,B | - | - | - | | | | | | | - | - | | | - | - | | | | - [g] | | | | - [g] | | | | - | - | | | - - | | | | | | | | - | | - |
| | *Streptococcus pneumoniae* | 59 | - [d] | | - [e] | | | | | | | | | | | | | | | - [g] | | - [e] | | - [g] | | | | - | - | | | 100 (41) | | | | | | | | - | - | - |
| | *Streptococcus pyogenes* | 54 | - | - | | | | | | | 100 (30) | - | | | - | - | | | | - [g] | | | | - [g] | | | | - | - | | | 100 (32) | | | | | | | | - | | - |
| | Viridans *Streptococcus* | 115 | - [e] | 33.3 [g] (45) | | | | | | | 83.6 (55) | - | | | 82.5 (63) | - | | | | - [g] | | | | - [g] | | | | - | - | | | 98.7 (76) | | | | | | | | - | | - |

[a] : No CLSI Interpretive Criteria. Interprete according to cefoperazone/sulbactam in *Enterobacteriacae*

[b] : Blood, Pleural Fluid

[c] : Sputum, Ear, Sinus

[d] : Interprete according to oxacillin susceptibility test

[e] : MIC Interpretive Criteria

[f] : Interprete according to cefoxitin susceptibility test

[h] : High-Level Aminoglycoside

[u] : Urine, Urine Catheter, Urine Clean- Voided

[WT] : Wild-type