# Percentage of susceptible Organisms Isolated From Urine, RMSc 12 & 12/1, 8 hospitals, Jan -Dec 2017

| | Organism | TOTAL ISOLATES | BETA - LACTAMS | | | | | | | | | | | | | CARBAPENEMS | | | POLY MYXINS | QUINOLONES | | | | | AMINOGLYCOSIDES | | | | GLYCOPEPTIDES | | | MISCELLANEOUS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PENICILLIN | AMPICILLIN | AMOXICILLIN/ CLAVULANIC ACID | AMPICILLIN / SULBACTAM | PIPERACILLIN / TAZOBACTAM | CEFAZOLIN (U) | CEFUROXIME SODIUM (Oral) | CEFOPERAZONE/ SULBACTAM [a] | CEFOTAXIME | CEFTAZIDIME | CEFTRIAXONE | CEFEPIME | OXACILIN | CEFOXITIN | ERTAPENEM | IMIPENEM | MEROPENEM | COLISTIN BY MIC | NALIDIXIC ACID | CIPROFLOXACIN | LEVOFLOXACIN | NORFLOXACIN | OFLOXACIN | AMIKACIN | GENTAMICIN | GENTAMICIN 120 µg | NETILMICIN | VANCOMYCIN | VANCOMYCIN BY MIC | TEICOPLANIN | FOSFOMYCIN | CLINDAMYCIN | ERYTHROMYCIN | NITROFURANTOIN | CHLORAMPHENICOL | CO-TRIMOXAZOLE | TETRACYCLINE |
| Gram negative | *Acinetobacter calcoaceticus-baumannii* complex | 304 | | | | - | 28.1 (224) | | | | 3.1 (97) | 27.8 (302) | 2 (196) | - | | | | 26.8 (231) | 32.1 (280) | - [e] | | 38.1 (105) | 36.2 (210) | | | 50.3 (304) | 43.1 (290) | | - [e] | | | | | | | | 39.7 (290) | - |
| | *Acinetobacter* spp. | 39 | | | | - | - | | | | 12.5 (32) | 57.9 (38) | 18.8 (32) | - | | | | - | 59.5 (37) | - [e] | | 58.1 (31) | - | | | 66.7 (39) | 63.2 (38) | | - [e] | | | | | | | | 69.7 (33) | - |
| | *Enterobacter cloacae* | 123 | | | | | 80.6 (103) | | | 85.3 (102) | 60 (65) | 62.9 (105) | 61.8 (110) | - | | | - | 93.1 (101) | 94.1 (102) | - [WT] | - | 58.1 (43) | 80.8 (73) | 74.2 (120) | - | 96.7 (123) | 75.4 (122) | | - | | | | | - | - | 58.5 (106) | - |
| | *Enterobacter* spp. | 56 | | 3.8 (53) | - | - | - | - [u] | - | 92.7 (55) | 60 (55) | 64.8 (54) | 64.3 (56) | - | | - | - | - | 98.2 (55) | | - | 69.8 (53) | 90.6 (53) | 81.5 (54) | - | 98 (56) | 83.9 (56) | | 94.3 (53) | | | | | | - | - | 61.8 (55) | - |
| | *Escherichia coli* | 4,061 | | 16.3 (3580) | 64 (3563) | - | 90.1 (2923) | 47.2 [u] (193) | 58.2 (1327) | 89.6 (3316) | 57.4 (2643) | 65.1 (3550) | 60.5 (3630) | 69.6 (247) | | 94 (866) | - | 98 (2884) | 98.3 (3289) | - [WT] | 100 (2) | 49 (1585) | 51.5 (2259) | 48.6 (3971) | 56.7 (425) | 98.5 (4059) | 71.7 (3955) | | 95.5 (488) | | | | - | | - | - | 45.5 (3600) | - |
| | *Klebsiella pneumoniae* | 1,366 | | | 44.4 (1188) | - | 57.2 (999) | 26.1 [u] (69) | 45 (431) | 63.7 (1153) | 46 (842) | 42.8 (1249) | 44.3 (1160) | 61.3 (62) | | 81.7 (262) | - | 88 (988) | 88.2 (1145) | - [WT] | - | 54.6 (502) | 57.9 (837) | 52.8 (1337) | 70.1 (167) | 92.4 (1364) | 70.8 (1320) | | 92 (176) | | | | | | - | - | 43.7 (1239) | - |
| | *Klebsiella* spp. | 113 | | 2.4 (82) | 25.8 (93) | - | 54.7 (64) | - [u] | 44 (50) | 63.4 (82) | 53.3 (90) | 51.5 (101) | 49.5 (95) | - | | 46 (50) | - | 65 (60) | 74.7 (87) | | - | 52 (50) | 61.4 (57) | 58.6 (111) | - | 92 (113) | 77.1 (105) | | - | | | | | | - | - | 49.5 (101) | - |
| | *Morganella morganii* | 71 | | | | - | 93.3 (45) | | | 94.4 (54) | 79.5 (44) | 85.7 (63) | 89.2 (65) | - | | - | - | 91.9 (37) | 98 (50) | | - | - | 76.9 (39) | 76.8 (69) | - | 100 (71) | 79.7 (69) | | - | | | | | | - | - | 62.9 (62) | |
| | *Proteus mirabilis* | - | | - | - | - | - | - [u] | | - | - | - | - | - | | - | - | - | - | | - | - | - | - | - | - | - | - | | | | | | | - | - | |
| | *Pseudomonas aeruginosa* | 411 | | | | | 70.6 (377) | | | | | 68.3 (410) | | 86.7 (30) | | | | 68.4 (354) | 68.7 (383) | - [e] | | 71.8 (177) | 64.4 (236) | 67.5 (338) | 80 (50) | 74.5 (411) | 68.8 (401) | | 81.2 (32) | | | | | | | | | |
| | *Salmonella* , Non-typhoidal | - | | - | | | | | | - | - | - | - | | | | | | | | - | - | - [e] | | - [e] | | | | | | | | | | - | - | |
| Gram positive | *Enterococcus faecalis* | 738 | 69.1 (444) | 95.8 (712) | | | | | | | | | | | | | | | | | | 19.4 [u] (165) | - [u] | 25.7 [u] (700) | | | | 37.9 [h] (369) | | 99.1 (702) | - | 100 (49) | 95.5 [u] (177) | | - | - [u] | - | | 9.9 [u] (263) |
| | *Enterococcus faecium* | 321 | 3.5 (170) | 5.5 (311) | | | | | | | | | | | | | | | | | | 7.6 [u] (79) | - [u] | 5.8 [u] (310) | | | | 66.9 [h] (181) | | 99 (301) | - | 100 (40) | | | - | - [u] | - | | 6.3 [u] (79) |
| | *Enterococcus* spp. | 540 | 40 (508) | 59.7 (539) | | | | | | | | | | | | | | | | | | - [u] | - [u] | 26.2 [u] (61) | | | | 47.4 [h] (492) | | 97.8 (539) | - | - | | | - | - [u] | - | | 10 [u] (518) |
| | *Staphylococcus aureus* | 159 | 11.3 (62) | | | | | | | | | | | | 96.2 [f] (157) | | | | | | - | - | 94 [u] (84) | - | 97.2 (36) | 95.9 (123) | | - | | - | - [e] | | 91.2 (34) | 91.2 (34) | - [u] | - | 98.7 (157) | 74 (50) |
| | (MRSA) | - | - | | | | | | | | | | | | - [f] | | | | | | - | - | - [u] | - | - | - | | - | | - | - [e] | | - | - | - [u] | - | - | - |
| | (MSSA) | 151 | 11.7 (60) | | | | | | | | | | | | 100 [f] (151) | | | | | | - | - | 95.2 [u] (83) | - | 100 (31) | 99.1 (115) | | - | | - | - [e] | | 96.9 (32) | 96.9 (32) | - [u] | - | 99.3 (149) | 75.5 (49) |
| | *Staphylococcus*, coagulase negative | 174 | 15.4 (65) | | | | | | | | | | | | 46.5 [f] (170) | | | | | | - | - | 65.9 [u] (82) | - | 100 (55) | 74.6 (142) | | - | | - | - [e] | | 71.4 (63) | 60 (65) | - [u] | - | 78 (168) | - |
| | (MRCNS) | 91 | - | | | | | | | | | | | | 0 [f] (91) | | | | | | - | - | 31.4 [u] (35) | - | 100 (36) | 52.8 (72) | | - | | - | - [e] | | - | - | - [u] | - | 61.4 (88) | - |
| | (MSCNS) | 79 | 23.3 (43) | | | | | | | | | | | | 100 [f] (79) | | | | | | - | - | 93 [u] (43) | - | - | 98.5 (68) | | - | | - | - [e] | | 83.3 (36) | 75.7 (37) | - [u] | - | 97.4 (76) | - |
| | *Streptococcus agalactiae* | 30 | - | - | | | | | | | - | | - | - | | | | | | | | | - | - | | | | | 100 (30) | | | | - | - | - | - | - |

[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