

Anti-Microbial Resistance Pattern (%) of Organisms Isolated from 1st January 2016 to 31st December 2016

The Kidney Centre Post Graduate Training Institute

Department of Pathology (Microbiology)

GRAM NEGATIVES

| Organisms | AMP | AMC | CXM | CFM | CRO/CTX | CAZ | IPM | MEM | TZP | SCF | AK | CN | TOB | CIP | C | SXT |
|------------------------|-----|-----|-----|-----|---------|-----|-----|-----|-----|-----|----|----|-----|-----|----|-----|
| E.coli | NT | 52 | 78 | 78 | 76 | NT | 21 | 7 | 33 | 13 | 5 | 44 | NT | 77 | NT | 74 |
| Enterobacter species | NT | 78 | 69 | 67 | 64 | NT | 34 | 23 | 27 | 26 | 12 | 38 | NT | 43 | NT | 51 |
| Klebsiella species | NT | 57 | 74 | 74 | 69 | NT | 53 | 33 | 37 | 36 | 30 | 48 | NT | 58 | NT | 66 |
| Ps.aeruginosa | NT | NT | NT | NT | NT | 36 | 34 | 32 | 25 | 32 | 35 | 44 | 40 | 44 | NT | NT |
| Acinitobacter species | NT | 76 | 90 | 93 | 91 | NT | 86 | 78 | 70 | 50 | 60 | 67 | NT | 79 | NT | 69 |
| Proteus Mirabilis | NT | 25 | 63 | 63 | 52 | NT | 7 | 2 | 3 | 5 | 14 | 37 | NT | 39 | NT | 82 |
| Salmonella T, Para A,B | 47 | NT | NT | 0 | 0 | NT | NT | NT | NT | NT | NT | NT | NT | 76 | 47 | 47 |

GRAM POSITIVES

| Organisms | P | OX | AK | CN | CIP | DA | E | N | VAN | DOX | FD | AMP | SXT | LNZ |
|----------------------|----|----|----|----|-----|----|----|----|-----|-----|----|-----|-----|-----|
| CONS | 91 | 75 | 9 | 38 | 61 | 25 | 74 | 3 | 0 | 14 | 51 | NT | 56 | NT |
| Staph. aureus | 96 | 66 | 13 | 24 | 59 | 10 | 52 | 0 | 0 | 5 | 15 | NT | 10 | NT |
| Enterococcus species | 35 | NT | NT | NT | 74 | 38 | 83 | NT | 8 | 33 | NT | 34 | NT | 0 |

KEY

| | | | | | |
|------|--------------------------------|-----|----------------|-----|-------------------------|
| AK | Amikacin | CXM | Cefuroxime | SXT | Cotrimoxazole |
| AMC | Amoxicillin-Clavulanate | DA | Clindamycin | SCF | Cefoperazone-sulbactam |
| AMP | Ampicillin | DOX | Doxycycline | TOB | Tobramycin |
| C | Chloramphenicol | E | Erythromycin | TZP | Piperacillin-Tazobactam |
| CAZ | Ceftazidime | FD | Fusidic Acid | VAN | Vancomycin |
| CFM | Cefixime | IMP | Imipenem | | |
| CIP | Ciprofloxacin | MEM | Meropenem | | |
| CN | Gentamicin | N | Nitrofurantoin | | |
| CONS | Coagulase Negatives Staphcocci | NT | Not Tested | | |
| CRO | Ceftriaxone | OX | Oxacillin | | |
| CTX | Cefotaxime | P | Penicillin | | |