

## ABBREVIATIONS

NT- Not Tested  
 AMK- Amikacin  
 AMP - Ampicillin  
 ATM- Aztreonam  
 CAP - Capreomycin  
 CAZ- Cefazidime  
 CEF - Cefixime  
 CLI - Clindamycin  
 CLOX- Cloxacillin  
 CLR -Chloramphenicol  
 CTX - Cefotaxime  
 CRO - Ceftriaxone  
 CXM- Cefuroxime  
 ERY- Erythromycin  
 ETHAM - Ethambutol  
 ETHION - Ethionamide  
 FD -Fusidic acid  
 GEN- Gentamicin  
 IPM -Imipenem  
 NA - Nalidixic acid  
 INH - Isoniazid  
 OFX/CIP - Ofloxacin /Ciprofloxacin  
 PEN- Penicillin  
 RIF- Rifampicin  
 STREP - Streptomycin  
 SXT - Cotrimoxazole  
 TET - Tetracycline  
 VAN - Vancomycin

## AKUH /All patients. Percent Resistant. Jan-June 2011

| Organism                       | AMP | CLR | CEF   | CRO   | ERY | OFX/<br>CIP | SXT         | TET | NA |
|--------------------------------|-----|-----|-------|-------|-----|-------------|-------------|-----|----|
| Aeromonas hydrophila           | 100 | NT  | 18    | 18    | NT  | 0           | 55          | NT  | NT |
| Campylobacter species          | 53  | NT  | NT    | NT    | 2   | 72          | NT          | 36  | NT |
| Salmonella typhi, para A,B & C | 43  | 44  | 0     | 0     | NT  | 59          | 45          | NT  | NT |
| Salmonella spp.                | 19  | 7   | 6     | 6     | NT  | 13          | 59          | NT  | NT |
| Shigella                       | 54  | 47  | 5     | 5     | NT  | 18          | 77          | NT  | 58 |
| Vibrio Cholerae                | 2   | 0   | NT    | NT    | NT  | 5           | 94          | 78  | NT |
|                                | AMP | CLR | PEN   | CRO   | ERY | OFX/<br>CIP | SXT         | TET |    |
| Haemophilus influenzae         | 11  | 8   | NT    | 0     | NT  | 15          | 82          | 13  |    |
| Moraxella catarrhalis          | 88  | 0   | NT    | NT    | 12  | 9           | 35          | 4   |    |
| Neisseria gonorrhoea           | NT  | NT  | 88    | 0     | NT  | 93          | NT          | 58  |    |
|                                | CLI | PEN | CLR   | ERY   | SXT | VAN         | OFX/<br>CIP | TET |    |
| Beta haemolytic strep. A       | 28  | 0   | 12    | 32    | NT  | 0           | NT          | NT  |    |
| Streptococcus pneumoniae       | NT  | 4   | 7     | 36    | 70  | 0           | 6           | 46  |    |
|                                | INH | RIF | STREP | ETHAM | CAP | ETHION      | OFX         |     |    |
| Mycobacterium tuberculosis     | 45  | 41  | 22    | 19    | 8   | 13          | 34          |     |    |

**Note:** Susceptibility profiles are derived from all specimen received by the Clinical Microbiology Laboratory. Antibiotic susceptibilities of bacteria recovered from specific wards or populations may differ.



Aga Khan University Hospital

Clinical Laboratory

Microbiology

ANTIBIOTIC SUSCEPTIBILITY REPORT

Jan-June 2011

Telephone: 34930051 ext. 1640, 1601,  
 1605,1690,1684,1685,1686

AKUH Inpatient, Percent Resistant Jan-Jun 2011

| Organism                  | AMP | ATM  | CEF | CXM | CRO | CAZ | TZP | IPM | AMK | GEN | OFX/<br>CIP | SXT |
|---------------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|-----|
| Acinetobacter group       | NT  | 82   | NT  | NT  | 92  | 79  | 90  | 88  | 86  | 74  | 86          | 84  |
| E.coli                    | 92  | 78   | 78  | 78  | 78  | NT  | 18  | 3   | 4   | 47  | 74          | 79  |
| Enterobacter species      | 100 | 53   | 53  | 53  | 53  | NT  | 9   | 6   | 14  | 36  | 25          | 41  |
| Klebsiella pneumoniae     | 100 | 79   | 79  | 79  | 79  | NT  | 36  | 27  | 32  | 57  | 42          | 76  |
| Pseudomonas aeruginosa    | NT  | 20   | NT  | NT  | NT  | 20  | 18  | 26  | 17  | 23  | 28          | NT  |
| Proteus mirabilis         | 65  | 35   | 35  | 35  | 35  | NT  | 0   | 0   | 6   | 18  | 31          | 71  |
| AMP                       | CLR | CLOX | FD  | PEN | ERY | CLI | SXT | TET | VAN | GEN | OFX/C<br>IP |     |
| Enterococcus species      | 51  | 11   | NT  | NT  | NT  | NT  | NT  | 68  | 20  | 50  | 71          |     |
| Staphylococcus aureus     | NT  | 3    | 59  | 14  | 100 | 53  | 45  | 24  | 55  | 0   | 43          | 45  |
| Coagulase negative Staph. | NT  | 9    | 73  | 64  | 96  | 79  | 49  | 61  | 41  | 0   | 47          | 50  |

AKUH Outpatient, Percent Resistant Jan-Jun 2011

| Organism                  | AMP | ATM  | CEF | CXM | CRO | CAZ | TZP | IPM | AMK | GEN | OFX/<br>CIP | SXT |
|---------------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|-----|
| Acinetobacter group       | NT  | 82   | NT  | NT  | 68  | 53  | 58  | 52  | 59  | 59  | 61          | 63  |
| E.coli                    | 84  | 59   | 59  | 59  | 59  | NT  | 9   | 1   | 3   | 37  | 65          | 71  |
| Enterobacter species      | 98  | 61   | 61  | 61  | 61  | NT  | 13  | 7   | 11  | 39  | 25          | 41  |
| Klebsiella pneumoniae     | 100 | 52   | 52  | 52  | 52  | NT  | 18  | 8   | 16  | 34  | 37          | 56  |
| Pseudomonas aeruginosa    | NT  | 18   | NT  | NT  | NT  | 22  | 13  | 12  | 18  | 27  | 30          | NT  |
| Proteus mirabilis         | 60  | 35   | 35  | 35  | 35  | NT  | 0   | 0   | 15  | 34  | 39          | 72  |
| AMP                       | CLR | CLOX | FD  | PEN | ERY | CLI | SXT | TET | VAN | GEN | OFX/C<br>IP |     |
| Enterococcus species      | 19  | 23   | NT  | NT  | NT  | NT  | NT  | 78  | 3   | 42  | 54          |     |
| Staphylococcus aureus     | NT  | 3    | 43  | 12  | 100 | 40  | 30  | 29  | 50  | 0   | 31          | 36  |
| Coagulase negative Staph. | NT  | 10   | 60  | 57  | 93  | 74  | 38  | 56  | 45  | 0   | 36          | 43  |

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