



Shaukat Khanum Memorial Cancer Hospital and Research Centre

Antibiogram for Commonly Isolated Organisms - January to December 2023

(Numbers represent percentage of tested isolates that were sensitive to the antibiotic in the column)

SKMCH&RC INPATIENT, PERCENT SENSITIVE Jan – Dec 2023

Organism (n*)	Ampicillin	Amikacin	Ceftriaxone	Cefixime	Ceftazidime	Cefuroxime	Cefepime	Ciprofloxacin	Co-trimoxazole	Chloramphenicol	Gentamicin	Imipenem	Meropenem	Piperacillin-Tazobactam	Tetracycline	Tobramycin	Colistin ±	Fosfomycin *	Nitrofurantoin *
<i>Acinetobacter species</i> (171)	NT	39	6	9	13	NT	31	32	39	3	38	39	38	25	35	40	99	NT	NT
<i>Escherichia coli</i> (2265)	3	89	11	11	NT	10	NT	19	21	84	68	73	73	49	26	NT	99	84	81
<i>Enterobacter species</i> (128)	0	99	19	19	NT	16	NT	65	53	82	86	89	89	71	55	NT	100	NT	38

<i>Klebsiella pneumoniae</i> (629)	0	84	30	30	NT	29	NT	43	37	87	72	76	76	54	57	NT	95	NT	59
<i>Pseudomonas aeruginosa</i> (1181)	NT	87	NT	NT	46	NT	80	77	NT	NT	88	84	83	76	NT	90	100	NT	NT
<i>Proteus mirabilis</i> (147)	24	93	46	46	NT	44	NT	54	27	41	68	99	99	95	NT	NT	NT	NT	NT

Organism (n*)	Ceftazidime	Levofloxacin	Co-trimoxazole	Chloramphenicol	Minocycline	Meropenem
<i>Stenotrophomonas maltophilia</i> (103)	40	94	96	80	92	NT
<i>Burkholderia cepacia</i> (138)	51	89	92	86	77	58

Organism (n*)	Ampicillin	Chloramphenicol	Clindamycin	Erythromycin	Fusidic acid	Gentamicin	Ciprofloxacin	Linezolid	Tetracycline	Co-trimoxazole	Penicillin	Oxacillin	Vancomycin
<i>Enterococcus species</i> (504)	48	85	NT	9	NT	NT	16	99	24	NT	NT	NT	84
<i>Staphylococcus aureus</i> (1302)	NT	98	76	42	74	86	23	100	55	67	1	45	100
<i>Coagulase negative Staphylococcus</i> (424)	NT	95	58	23	42	85	68	NT	64	30	2	39	100

SKMCH&RC OUTPATIENT, PERCENT SENSITIVE Jan – Dec 2023

Organism (n*)	Ampicillin	Amikacin	Ceftriaxone	Cefixime	Ceftazidime	Cefuroxime	Cefepime	Ciprofloxacin	Co-trimoxazole	Chloramphenicol	Gentamicin	Imipenem	Meropenem	Piperacillin-Tazobactam	Tetracycline	Tobramycin	Colistin ±	Fosfomycin *	Nitrofurantoin *
<i>Acinetobacter species</i> (350)	NT	27	2	1	8	NT	13	16	23	9	28	22	23	16	39	44	99	NT	NT
<i>Escherichia coli</i> (6064)	5	85	16	16	NT	15	NT	23	7	83	64	90	90	68	35	24	96	91	87

<i>Enterobacter species</i> (252)	0	82	9	9	NT	8	NT	44	38	66	56	73	73	50	45	24	100	NT	49
<i>Klebsiella pneumoniae</i> (1393)	0	70	27	27	NT	26	NT	33	33	75	58	70	70	50	48	NT	95	NT	61
<i>Pseudomonas aeruginosa</i> (2008)	NT	63	NT	NT	41	58	58	50	NT	NT	57	65	63	59	NT	60	100	NT	NT
<i>Proteus mirabilis</i> (359)	12	88	34	34	NT	29	NT	42	22	41	59	97	97	90	NT	NT	NT	NT	NT

Organism (n*)	Ceftazidime	Levofloxacin	Co-trimoxazole	Chloramphenicol	Minocycline	Meropenem
<i>Stenotrophomonas maltophilia</i> (109)	42	93	93	86	96	NT
<i>Burkholderia cepacia</i> (347)	58	75	85	85	79	81

Organism (n*)	Ampicillin	Chloramphenicol	Clindamycin	Erythromycin	Fusidic acid	Gentamicin	Ciprofloxacin	Linezolid	Tetracycline	Co-trimoxazole	Penicillin	Oxacillin	Vancomycin
<i>Enterococcus species</i> (1089)	65	80	NT	16	NT	NT	29	100	25	NT	NT	NT	92
<i>Staphylococcus aureus</i> (2320)	NT	99	79	40	75	76	21	100	62	64	1	39	100
<i>Coagulase negative Staphylococcus</i> (936)	NT	94	75	26	39	74	39	NT	59	43	2	41	100

Organism (n*)	Ampicillin	Azithromycin	Ceftriaxone	Cefixime	Ciprofloxacin	Co-trimoxazole	Chloramphenicol	Meropenem
<i>Salmonella Paratyphi A</i> (486)	95	NT	100	100	1	98	96	NT
<i>Salmonella Typhi</i> (582)	30	100	56	56	1	35	33	100

Organism (n*)	Ampicillin	Co-amoxiclav	Ceftriaxone	Cefuroxime	Chloramphenicol	Ciprofloxacin	Erythromycin	Co-trimoxazole	Tetracycline
<i>Haemophilus influenzae</i> (229)	83	95	100	95	99	76	NT	21	96
<i>Moraxella catarrhalis</i> (60)	0	100	100	100	100	100	96	22	100

Organism (n*)	Penicillin	Clindamycin	Erythromycin	Ceftriaxone	Ciprofloxacin/ Levofloxacin	Co-trimoxazole	Tetracycline	Vancomycin
<i>Streptococcus pyogenes</i> (GAS) (242)	100	81	76	100	82	NT	69	100
<i>Streptococcus agalactiae</i> (GBS) (112)	100	82	54	100	70	NT	57	100
<i>Streptococcus pneumoniae</i> (138)	100	82	73	100	93	20	72	100

*: Tested on urinary isolates only

n*: total number of isolates

±: Tested only on carbapenem resistant isolates

NT: not tested