

Antibiogram of major organisms isolated from BIRDEM General Hospital

Sample: Blood

Year: 2024

Antibiotics	% Sensitive								
	Gram negative bacteria						Gram positive bacteria		
	<i>E. coli</i> (n=198)	<i>Klebsiella</i> (n=171)	<i>Acinetobacter</i> (n=118)	<i>P. aeruginosa</i> (n=45)	<i>Pseudomonas sp</i> (n=105)	<i>Salmonella Typhi</i> (n= 73)	<i>S.Paratyphi A</i> (n=14)	<i>Staph. aureus</i> (n= 66)	<i>Enterococcc us</i> (n= 12)
Imipenem/ Meropenem	90.5	42.5	46	69.8	64.9	-	-	-	-
Ceftriaxone	24.2	24.7	7.8	-	-	98.6	100	-	-
Ceftazidime	22.7	25.0	11.2	69.8	57.0	-	-	-	-
Cefixime	19.1	24.0	8.0	-	-	98.5	100	-	-
Cefuroxime	-	-	-	-	-	-	-	-	-
Cefepime	26.7	26.5	22.3	71.1	48.3	-	-	-	-
Aztreonam	19.1	27.3	-	36.8	27.5	-	-	-	-
Amoxicillin-clavulanic acid	13.8	14.2	-	-	-	-	-	-	-
Tazo/piperacillin	69.2	33.9	46.6	75.0	65.1	-	-	-	-
Amikacin	84.9	42.5	49.6	66.7	43.3	-	-	91.7	83.3
Gentamicin	79.5	45.5	42.6	83.3	52.6	-	-	91.9	-
Gentamicin -High	-	-	-	-	-	-	-	-	50.0
Ciprofloxacin	16.6	23.1	30.1	61.4	43.7	2.9	7.1	25.4	8.3
Cotrimoxazole	40.5	33.5	41.4	-	-	91.3	100	68.3	0.0
Colistin	100(I)	96.8(I)	100(I)	100(I)	51.5(I)	-	-	-	-
Azithromycin	-	-	-	-	-	97.7	-	-	-
Chloramphenicol	93.8	72.4	-	-	-	-	-	-	-
Ampicillin	-	-	-	-	-	84.4	66.7	-	-
Penicillin	-	-	-	-	-	-	-	13	75.0
Vancomycin	-	-	-	-	-	-	-	100	100
Oxacillin	-	-	-	-	-	-	-	44.4	-
Cefoxitin	-	-	-	-	-	-	-	44.4	-
Cephalexin	-	-	-	-	-	-	-	44.4	-
Erythromycin	-	-	-	-	-	-	-	27.0	-
Clindamycin	-	-	-	-	-	-	-	37.1	-

(-) means not done. (I) indicates intermediate.

Antibiogram of major organisms isolated from Dept. of Microbiology, BIRDEM General Hospital

Sample: Urine

Year: 2024

Antibiotics	% Sensitive						
	Gram negative bacteria					Gram positive bacteria	
	<i>E. coli</i> (n=3902)	<i>Klebsiella</i> (n=1347)	<i>Acinetobacter</i> (n= 87)	<i>P.aeruginosa</i> (n=182)	<i>Pseudomonas sp.</i> (n=140)	<i>Staph. aureus</i> (n=202)	<i>Enterococcus</i> (n=564)
Imipenem/Meropenem	85.6	72.4	66.7	48.1	33.6	-	-
Ceftriaxone	31.9	47.8	17.2	-	-	-	-
Ceftazidime	31.8	47.5	19.0	43.1	33.1	-	-
Cefixime	28.8	45.9	15.5	-	-	-	-
Cefipime	36.8	49.6	24.4	43.5	29.0	-	-
Cefuroxime	30.7	45.5	11.9	-	-	-	-
Amoxicillin-clavulanic acid	25.5	38.3	-	-	-	-	-
Tazo/piperacillin	67.4	47.9	53.0	48.0	40.7	-	-
Amikacin	79.3	66.6	62.7	52.3	44.1	72.5	-
Gentamicin	77.9	67.8	59.8	34.7	27.0	94.5	-
Gentamicin-High	-	-	-	-	-	-	66.6
Ciprofloxacin	13.9	18.2	29.1	39.6	25.6	17.4	1.6
Cotrimoxazole	48.5	53.4	61.3	-	-	76.9	-
Nitrofurantoin	79.2	29.1	8.3	-	-	93.9	86.4
Mecillinam	61.1	39.2	-	2.7	6.9	-	-
Colistin	99(I)	97.9(I)	100(I)	99.0(I)	89.0(I)	-	-
Ampicillin	-	-	-	-	-	-	82.6
Penicillin	-	-	-	-	-	15.6	81.2
Vancomycin	-	-	-	-	-	100	99.6
Oxacillin	-	-	-	-	-	61.8	-

(-) means not done, (I) indicates intermediate.

Antibiogram of major organisms isolated from Dept. of Microbiology, BIRDEM General Hospital

Sample: Pus, Wound swab

Year: 2024

Antibiotics	% Sensitive						
	<i>E. coli</i> (n=519)	<i>Klebsiella</i> (n=2373)	<i>Acinetobacter</i> (n=522)	Gram negative bacteria		Gram positive bacteria	
			<i>P. aeruginosa</i> (n=2399)	<i>Pseudomonas sp.</i> (n=101)	<i>Staph. aureus</i> (n=1349)	<i>Enterococcus</i> (n=279)	
Imipenem/ Meropenem	85.5	51.3	22.1	41.4	55.3	-	-
Ceftriaxone	35.3	28.1	4.6	-	-	-	-
Ceftazidime	34.3	27.4	5.2	27.5	46.3	-	-
Cefixime	31.6	25.6	4.8	-	-	-	-
Cefipime	37.4	29.1	8.4	29.8	45.2	-	-
Aztreonam	8.3	3.5	1.9	20.8	53.3	-	-
Amoxicillin-clavulanic	22.4	17.8	-	-	-	49.1	-
Tazo/piperacillin	58.8	36.3	26.9	39.2	50.0	-	-
Amikacin	83.2	52.3	28.7	32.5	0.0	40.9	87.4
Gentamicin	74.3	50.4	30.1	41.2	0.0	88.7	-
Gentamicin -High	-	-	-	-	-	-	78.8
Ciprofloxacin	30.9	24.6	17.7	26.2	35.1	25.1	7.0
Cotrimoxazole	43.2	33.2	22.1	-	40.0	71.6	-
Colistin	100 (I)	100 (I)	100 (I)	100 (I)	-	-	-
Ampicillin	-	-	-	-	-	-	87.4
Penicillin	-	-	-	-	-	6	85.2
Vancomycin	-	-	-	-	-	99.8	99.6
Oxacillin	-	-	-	-	-	49.1	-
Cefoxitin	-	-	-	-	-	49.1	-
Erythromycin	-	-	-	-	-	27.3	-
Clindamycin	-	-	-	-	-	31.1	-

(-) means not done, (I) Intermediate

Antibiogram of major organisms isolated from Dept. of Microbiology, BIRDEM General Hospital

Sample: Respiratory secretion (Sputum,TA, BAL)

Year: 2024

Antibiotics	% Sensitive						
	Gram negative bacteria					Gram positive bacteria	
	<i>E. coli</i> (n= 52)	<i>Klebsiella</i> (n= 760)	<i>Acinetobacter</i> (n= 442)	<i>P. aeruginosa</i> (n= 341)	<i>Pseudomonas sp.</i> (n= 71)	<i>Staph. aureus</i> (n= 71)	<i>Enterococcus</i> (n=1)
Imipenem/ Meropenem	70.6	51.1	18.8	47.1	60.9	-	-
Ceftriaxone	23.5	32.8	2.3	-	-	-	-
Ceftazidime	25.5	32.2	2.6	75.4	72.1	-	-
Cefixime	21.3	30.3	2.8	-	-	-	-
Cefipime	24.5	32.7	4.0	74.2	78.8	-	-
Aztreonam	12.5	6.1	-	22.2	0	-	-
Amoxicillin-clavulanic	16.0	20.1	-	-	-	28.2	-
Tazo/piperacillin	42.0	35.4	15.6	79.3	85.7	-	-
Amikacin	71.4	61.2	19.5	57.1	60.0	-	-
Gentamicin	70.0	62.9	20	40.0	40.0	74.3	-
Gentamicin -High	-	-	-	-	-	-	100
Ciprofloxacin	18.0	23.6	15.0	69.9	61.2	18.6	-
Cotrimoxazole	28.0	41.8	19.9	0.0	50.0	69.1	0.0
Colistin	100 (I)	100 (I)	99.7 (I)	100 (I)	100 (I)	-	-
Ampicillin	-	-	-	-	-	-	0.0
Penicillin	-	-	-	-	-	5.8	0.0
Vancomycin	-	-	-	-	-	100	100
Oxacillin	-	-	-	-	-	28.2	-
Cefoxitin	-	-	-	-	-	28.2	-
Erythromycin	-	-	-	-	-	25.4	-
Clindamycin	-	-	-	-	-	29.6	-

(-) means not done, (I) Intermediate