



All India Institute of Medical Sciences, Bhopal

अखिल भारतीय आयुर्विज्ञान संस्थान, भोपाल

ANTIBIOGRAM: January- December 2021

Gram Negative Isolates

No. of isolate and their percentage susceptibility to antimicrobials																														
Organism Name /Total isolate		Ceftazidime	Ciprofloxacin	Ceftriaxone	Colistin	Cefotaxime	Dorepenem	Cefepime	Gentamicin	Imipenem	Levofloxacin	Meropenem	Minocyclin	Cefoperazone	Co-trimoxazole	Ticarcillin-Clavulanic acid	Tigecycline	Piperacillin-Tazobactam	AN (Amikacin)	ATM (Aztreonam)	FT (Nitrofurantoin)	AM (Ampicillin)	AMC (Amoxiclav)	Amoxicillin	CXMA (Cefuroxime Axetil)	CXM (Cefuroxime)	ETP (Ertapenem)	NA (Nalidixic Acid)		
Esch.coli n=744	Total	143	738	595	738	592	143	656	738	736	143	738	143	738	737	143	738	734	738	143	595	595	595	592	594	594	595	595		
	Susceptible	36(25%)	61 (8%)	106 (18%)	6 (60%)	104 (18%)	87 (61%)	177 (27%)	445 (60%)	447 (61%)	7 (5%)	496 (67%)	85 (59%)	365 (49%)	265 (36%)	48 (34%)	715 (97%)	322 (44%)	561 (76%)	22 (15%)	256 (43%)	72 (12%)	164 (28%)	65(11%)	44(7%)	81(14%)	390 (66%)	49 (8%)		
Klebsiella pneum.pneumoniae n=416	Total	120	410	290	410	288	120	394	410	410	120	410	120	410	410	120	410	410	410	120	290		290	288	290	290	290	290	290	
	Susceptible	5 (4%)	60 (15%)	65 (22%)	0 (0%)	65 (23%)	9 (8%)	89 (23%)	127 (31%)	102 (25%)	3 (3%)	117(29%)	13 (11%)	110 (27%)	103 (25%)	7 (6%)	113 (28%)	100 (24%)	142 (35%)	7(6%)	7(2%)		38(13%)	0 (0%)	36(12%)	46 (16%)	96 (33%)	83 (29%)		
Pseudomonas aeruginosa n=241	Total	234	240		241		235	241	239	238	235	239		241		234		237	241											
	Susceptible	97 (41%)	142 (59%)		0 (0%)		131 (56%)	108 (45%)	144 (60%)	146 (61%)	121 (51%)	133 (56%)		78 (32%)		36 (15%)		65 (27%)	148 (61%)											
Acinetobacter baumannii cplx n=104	Total	76	98	22	98	21	76	98	98	98	77	98	76	98	98	77	98	98												
	Susceptible	3 (4%)	4(4%)	0 (0%)	0 (0%)	0 (0%)	5 (7%)	5 (5%)	5 (5%)	8 (8%)	3 (4%)	8 (8%)	33 (43%)	4(4%)	10 (10%)	3 (4%)	57 (58%)	2 (2%)						0 (0%)						
Enterobacter cloacae complex n=86	Total	34	86	52	86	52	34	74	86	86	34	86	34	86	86	34	86	85	86	34	52					52	52	52	52	
	Susceptible	22 (65%)	36 (42%)	6 (12%)	0 (0%)	0 (0%)	25 (74%)	39 (22%)	56 (65%)	45 (54%)	17 (46%)	7 (8%)	10 (30%)	49 (57%)	61 (71%)	19 (56%)	48 (56%)	28 (33%)	65 (76%)	6 (18%)	26 (50%)					1 (3%)	2 (6%)	25(48%)	23 (44%)	
Proteus mirabilis n=30	Total	20	30	10		9		30	30	30	20	30	20	30	30	20		30	30	20		10	10	9	10	10	10	10	10	
	Susceptible	8 (40%)	5 (17%)	5 (50%)		4 (44%)		12 (40%)	11 (37%)	2 (7%)	3 (15%)	20 (67%)	0 (0%)	17(57%)	8(27%)	13 (75%)		27 (90%)	15 (50%)	7 (35%)		0 (0%)	3 (30%)		1 (10%)	4 (40%)	3 (30%)	2 (20%)		
Citrobacter freundii n=18	Total	6	18	0	18	11	6	18	18	18	6	18	6	18	18	6	18	17	18	6	13					12	11	12	12	12
	Susceptible	1(17%)	4 (22%)	0 (0%)	6 (60%)	6 (55%)	2 (33%)	8 (44%)	9 (50%)	7 (39%)	1 (17%)	10 (56%)	2 (33%)	8 (44%)	7 (39%)	1 (17%)	13 (72%)	8 (47%)	10 (56%)	1 (17%)	7 (54%)		1 (8%)	0 (0%)	2 (17%)	3 (25%)	7 (58%)	3 (25%)		
Citrobacter koseri n=17	Total	13	17	4	17	4	13	17	17	17	13	17	13	17	17	13	17	17	17	13	4					4	4	4	4	
	Susceptible	4(31%)	7 (41%)	2 (30%)	0 (0%)	2 (50%)	7 (54%)	9 (53%)	13 (76%)	11 (65%)	5 (38%)	13 (76%)	7 (54%)	10 (59%)	11 (65%)	7 (54%)	12 (71%)	10 (59%)	15 (88%)	3(23%)	1(25%)		1(25%)	0 (0%)	0 (0%)	0 (0%)	4 (100%)	2 (50%)		
Salmonella typhi n=12	Total	11	11		11		11	7	11	11	11	11	11	11	11	11	11	11	11	11										
	Susceptible	89(73%)	1(9%)		0 (0%)		11(100%)	7(100%)	11(100%)	11(100%)	1(9%)	11(100%)	10(91%)	5(45%)	11(100%)	11(100%)	11(100%)	11(100%)	11(100%)	11(100%)	3(27%)									
Burkholderia cepacia n=10	Total	4	6	2	6	2		6		6	4	6	4	6	6	4	6	6	6	4	6			2						
	Susceptible	4(100%)	1 (17%)	0 (0%)	0 (0%)	0 (0%)		3 (50%)		2 (33%)	1 (25%)	5 (83%)	3 (75%)	2 (33%)	3 (50%)	2 (50%)	3 (50%)	1 (17%)	0 (0%)	0 (0%)	1 (17%)			0 (0%)						



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Gram Positive Isolates

Organism Name /Total isolate		Ciprofloxacin	E (Erythromycin)	FT (Nitrofurantoin)	HIG (High Level Gentamicin)	Levofloxacin	LNZ (Linezolid)	P (Penicillin)	TE (Tetracycline)	TEC (Teicoplanin)	VA (Vancomycin)	DAP (Daptomycin)	CM (Clindamycin)	Tigecycline	ICR (Inducible Clindamycin Resistance)	OX (Oxacillin)	OXS (Cefoxitin Screen)	RA (Rifampicin)	Co-trimoxazole	Gentamicin	
CONS n=309	Total	297	297	297		297	297					191	299		297						297
	Susceptible	52(21%)	35(15%)	284(98%)		54(21%)	245(80%)					191 (100%)	115(43%)		24(10%)						266(89%)
Staphylococcus aureus n=206	Total	206	206	206		206	206	206	206	206	206	108	206	204	206	206	206	206	206	206	206
	Susceptible	5 (2%)	90(44%)	179(87%)		4 (2%)	156(76%)	3 (1%)	188(91%)	156(76%)	199(97%)	108(100%)	188(91%)	204(100%)	38(18%)	112(45%)	93 (45%)	201 (98%)	89(43%)	120 (58%)	
Enterococcus faecium n=83	Total	81	81	80	80	81	81	81	81	80	80			80							
	Susceptible	2 (2%)	2 (2%)	10 (13%)	18 (23%)	3(4%)	71(88%)	9 (11%)	14 (17%)	68 (85%)	66 (83%)			80 (100%)							
Enterococcus faecalis n=35	Total	35	35	35	35	35	35	35	35	35	35	35		35							
	Susceptible	4 (11%)	2 (6%)	25(71%)	8 (26%)	5(14%)	34 (97%)	25(71%)	4 (11%)	34(100%)	34(97%)	17(49%)		35 (100%)							

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