Percentage of susceptible Organisms Isolated From Blood, 49 hospitals, Jan - Sep 2019

	Organism	TOTAL ISOLATES	BETA - LACTAMS														CARBAPENEMS			POLY MYXINS	QUINOLONES			AMINOGLYCOSIDES			GLYCOPEPTIDES			MISCELLANEOUS						
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFUROXIME SODIUM (parenteral)	CEFOPERAZONE / SULBACTAM [a]	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	VANCOMYCIN	VANCOMYCIN BY MIC	TEICOPLANIN	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* complex	2,324			R	R	48.7 (302)	49 (1252)				13.6 (654)	45 (1481)	12.9 (672)	37.5 (96)			R	49.1 (1140)	50.1 (1326)	95.7 (491)	51.8 (1321)		53.2 (690)	63.5 (1324)	57.4 (1247)									R	50 (986)	
Gram negative	*Acinetobacter* spp.	422					93.2 (74)	86.5 (274)				53.5 (172)	72.6 (310)	52.5 (158)	-				86.7 (240)	88 (274)	95.3 (64)	84.1 (295)		91.2 (147)	89.5 (294)	85.3 (278)									61.5 (213)	
Gram negative	*Aeromonas hydrophila*	148						94 (50)		-		91 (67)	96.4 (55)	94.1 (51)	-		-	70.3 (37)	59 (39)	96.2 (52)		93.2 (73)		-	98.4 (61)	98.5 (68)								-	85.5 (69)	-
Gram negative	*Enterobacter cloacae*	429			R	R	R	80 (215)	R	R	84.5 (155)	65.6 (253)	65.3 (265)	72.4 (174)	-		R	93.4 (197)	90.6 (203)	93.5 (231)	86.4 WT (56)	74.6 (248)		85 (80)	96.6 (238)	79.5 (244)								-	75.6 (234)	-
Gram negative	*Enterobacter* spp.	189			10.1 (69)	26.5 (68)	-	83.9 (93)	22 (41)	-	85.3 (75)	66 (100)	75 (112)	69.1 (68)	-		-	93.3 (89)	80.9 (68)	96 (99)		72.1 (86)		86.5 (37)	96.3 (108)	81.7 (109)								-	73.3 (90)	-
Gram negative	*Escherichia coli*	9,219			17.3 (3994)	71.7 (4228)	63.5 (926)	93.4 (4227)	38.4 (2347)	61.5 (1282)	94.3 (3520)	62.4 (4802)	71.3 (5300)	64.7 (3583)	63.2 (487)		94.3 (1393)	98.2 (3894)	97.4 (3633)	98.6 (4795)	90.7 WT (1673)	49.5 (4878)		57.6 (1881)	98.8 (5114)	71.2 (5095)								-	46 (4758)	-
Gram negative	*Klebsiella pneumoniae*	3,634			R	74.1 (1669)	60.6 (360)	78.9 (1746)	63.4 (900)	64.9 (533)	81.9 (1368)	68.4 (1875)	69.5 (2099)	68.9 (1467)	75.6 (168)		86.4 (575)	91 (1618)	88.2 (1470)	90.7 (1912)	95.0 (699)	60.4 (1978)		71.1 (851)	94.9 (2039)	86.1 (2009)								-	67.4 (1897)	-
Gram negative	*Klebsiella* spp.	349			5.6 (144)	49.7 (185)	33.3 (39)	82.9 (175)	21.5 (93)	58.2 (55)	86 (114)	65.7 (207)	69.8 (235)	66.7 (135)	-		54.2 (59)	93.2 (177)	91.2 (136)	94.4 (196)	92.5 (40)	64.3 (196)		82.8 (99)	98.6 (210)	83.1 (177)								-	71.2 (191)	-
Gram negative	*Morganella morganii*	100			R	R	-	97 (33)	R	R	-	93.6 (47)	94.2 (52)	100 (37)	-		-	100 (31)	53.1 (32)	100 (38)	R	74 (50)		-	100 (46)	87.5 (48)								-	74 (50)	-
Gram negative	*Proteus mirabilis*	543			59.9 (257)	92 (274)	93.5 (46)	98.8 (260)	81.8 (132)	92.7 (82)	98.1 (208)	91.9 (308)	97 (329)	92.6 (242)	97 (33)		100 (104)	99.1 (234)	89.5 (210)	99.6 (285)	R	73.3 (300)		75.4 (126)	99 (307)	86.3 (315)								-	66.9 (293)	R
Gram negative	*Pseudomonas aeruginosa*	1073			R	R	R	86.5 (599)				R	84.2 (683)	R	88.1 (59)			R	85 (493)	84.6 (599)	96 (202)	84.8 (617)		81.1 (291)	91.1 (605)	85.2 (568)								R	R	R
Gram negative	Salmonella, typhoidal	42			-						-	-	-	-								-	-	- [e]										-	-	
Gram negative	Salmonella spp.	766			54.3 (381)						99.5 (195)	89.6 (337)	90 (269)	91.1 (302)								61.4 (396)	32.4 (179)	- [e]										-	89.3 (419)	
Gram positive	*Enterococcus faecalis*	837	81.6 (521)	77.4 (115)	94.8 (601)				R	R	R	R	R	R	R										R	R	65.8 (243)	98 (646)	100 (121)	-	R	R	22.4 (241)	11.8 (93)		R	
Gram positive	*Enterococcus faecium*	470	11.6 (277)	10.3 (78)	16.8 (327)				R	R	R	R	R	R	R										R	R	69.5 (141)	91.4 (361)	82.1 (84)	-	R	R	2.3 (131)	3.1 (65)		R	
Gram positive	*Enterococcus* spp.	304	70.1 (117)	-	74.5 (149)																						84.6 (39)	92.9 (140)	-	-			42.2 (64)	-			
Gram positive	*Staphylococcus aureus* (all isolates)	3,048	10.6 (660)	9.2 (314)												91.6 [f] (644)						94.7 (486)	89.4 (423)	91.3 (367)		95.2 (1361)			99.6 (741)	- [e]	88.9 (1922)	87.3 (551)	85.7 (1769)	84.5 (548)	95.9 (172)	97.7 (1860)	70.2 (325)
Gram positive	(MRSA)	54	-	-												0 [f] (54)						-	-	-		-			-	- [e]	30.4 (46)	-	21.7 (46)	-	-	78.6 (42)	-
Gram positive	(MSSA)	605	15.1 (304)	-												99.8 [f] (605)						95.2 (126)	-	100 (72)		99 (308)			-	- [e]	94.1 (528)	-	93 (528)	-	-	99.2 (528)	-
Gram positive	*Staphylococcus*, coagulase negative	14,884	12 (3620)	16.4 (1000)												42.1 [f] (2486)						67.2 (1614)	64 (1127)	61.9 (1077)		71.5 (5413)			99.5 (1396)	- [e]	51.1 (7489)	50.6 (1329)	40.8 (7460)	36.7 (1283)	90.1 (808)	65.4 (7812)	60.1 (1129)
Gram positive	(MRCNS)	1,479	0 (1037)	-												0 [f] (1479)						40 (185)	-	37 (281)		52.6 (513)			-	- [e]	25.9 (1129)	-	15 (1131)	-	-	46.2 (1275)	-
Gram positive	(MSCNS)	1,067	29.3 (752)	-												100 [f] (1067)						96.1 (128)	-	96.3 (188)		97.2 (352)			-	- [e]	81.1 (742)	-	71.7 (743)	-	-	87.2 (930)	-
Gram positive	*Streptococcus agalactiae*	623	98.1 (378)	100 (130)	96.1 (128)							99.6 (254)		92.4 (171)	-									98.3 (231)				97.8 (364)			87.8 (377)	96.1 (51)	86.8 (418)	84.9 (73)	89.1 (119)		
Gram positive	*Streptococcus*, β-hemolytic not Group A,B,D	472	92.5 (308)	89.3 (56)	95.3 (107)							97.7 (128)		100 (126)	-									97 (166)				97.3 (262)			87.1 (280)	92.5 (40)	79.2 (307)	82.9 (35)	91.9 (74)		
Gram positive	*Streptococcus pneumoniae*	636	56.1 (82)	53.7 (190)		- [e]			- [e]															99.5 (221)				100 (467)			76.2 (400)	68.3 (63)	69.2 (455)	63.3 (79)	91.1 (179)	49.5 (382)	31.1 (177)
Gram positive	*Streptococcus pyogenes*	843	99 (610)	96.2 (79)	98.7 (229)							99.3 (307)		98.4 (308)	-									98.2 (284)				99.6 (566)			93.7 (590)	93.9 (33)	92 (616)	80.6 (36)	93.5 (217)		
Gram positive	*Streptococcuss* spp. Viridans Group	1,567		67.4 [i] (86)	- [e]							85.8 (774)		83.5 (546)	95.3 (43)									91.3 (485)				97.8 (1140)			57.1 (1016)	59.6 (114)	52.7 (1096)	51.6 (124)	90.7 (332)		23.8 (298)

[a] : No CLSI Interpretive Criteria. Interprete according to cefoperazone/sulbactam in *Enterobacteriacae*

[d] : Interprete according to oxacillin susceptibility test

[e] : MIC Interpretive Criteria

[f] : Interprete according to cefoxitin susceptibility test

[h] : High-Level Aminoglycoside

[i] : MIC Interpretive Criteria, For the 20% nonsusceptible, 15% were intermediate (MIC 0.25 to 2µg/mL) and 5% were resistant (MIC ≥ 4 µg/mL) to penicillin.

R : Intrinsic resistance

%S	≥ 90	80-89	70-79	50-69	< 50