Percentage of susceptible Organisms Isolated From Blood, 9 hospitals, Jan - Jun 2019 (Region 4)

	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	200			R	R	39.5 (38)	44.2 (163)				18.1 (94)	39.3 (191)	14.5 (62)	-			R	42.6 (183)	40.3 (186)	-	41 (188)		-	50 (176)	46 (187)										R	48.8 (121)	
	Acinetobacter spp.	50					-	71.1 (38)				-	52.3 (44)	-	-				64.3 (42)	58.1 (43)	-	73.8 (42)		-	69 (42)	66.7 (42)										-	
	Aeromonas hydrophila	13						-		-		-	-	-	-	-	-	-	-	-		-		-	-	-								-	-	-
	Enterobacter cloacae	38			R	R	R	-	R	R	-	58.8 (34)	71.4 (35)	-	-		R	-	79.4 (34)	91.4 (35)	- [WT]	65.7 (35)		-	94.3 (35)	77.1 (35)									-	71.4 (35)	-
	Enterobacter spp.	16			-	-	-	-	-	-	-	-	-	-	-		-	-	-	-		-		-	-	-								-	-	-
	Escherichia coli	881			14.1 (348)	71.9 (654)	46.1 (76)	93.8 (599)	36.4 (497)	60 (205)	94.5 (458)	61.2 (744)	73.7 (810)	61.2 (541)	-		90.2 (287)	95.2 (334)	97.5 (734)	98.1 (796)	- [WT]	48.1 (805)		61.4 (57)	99.1 (810)	63.4 (803)									-	46.5 (727)	-
	Klebsiella pneumoniae	414			R	67 (282)	56.5 (46)	73.4 (312)	50.4 (264)	49.1 (106)	79.1 (196)	63.6 (341)	68.6 (379)	63.3 (294)	-		74.1 (158)	69.5 (154)	81 (336)	83.7 (374)	- [WT]	54.8 (376)		80.6 (31)	88.4 (378)	83.3 (378)									-	64 (347)	-
	Klebsiella spp.	30			-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-		-	-	-								-	-	-
	Morganella morganii	14			R	R	-	-	R	R	-	-	-	-	-		-	-	-	-	R	-		-	-	-								-	-	-
	Proteus mirabilis	90			55.1 (49)	89.7 (58)	-	100 (76)	25 (44)	75.8 (33)	-	76.9 (65)	86.1 (79)	77.4 (62)	-		-	-	90.9 (66)	98.7 (77)	R	65.8 (79)		-	98.7 (79)	73.4 (79)									-	59.7 (72)	R
	Pseudomonas aeruginosa	93			R	R	R	85.9 (85)				R	84.3 (89)	R	-			R	80.3 (76)	81.8 (88)	-	79.8 (89)		-	88.6 (88)	85.4 (89)									R	R	R
	Salmonella, typhoidal	1			-						-	-	-	-								-	-	- [e]										-	-	
	Salmonella spp.	61			48.9 (45)						-	88.1 (42)	67.7 (31)	75.7 (37)								55.4 (56)	-	- [e]										-	89.3 (56)	
Gram positive	*Enterococcus faecalis*	71	82.1 (39)	-	97.1 (69)				R	R	R	R	R	R	R										R	R	69.7 [h] (33)	97.2 (71)	-	100 (32)	R	R	-	-		R	
	Enterococcus faecium	48	-	-	47.8 (46)				R	R	R	R	R	R	R										R	R	- [h]	82.2 (45)	-	-	R	R	-	-		R	
	Enterococcus spp.	33	-	-	78.8 (33)																						- [h]	97 (33)	-	-			-	-			
	Staphylococcus aureus (all isolates)	311	14.1 (163)	-												92.7 [f] (124)						90.5 (158)	-	-		94.7 (190)			98.1 (54)	- [e]	79 (300)	-	75 (300)	-	-	97.5 (236)	58.2 (122)
	(MRSA)	9	-	-												- [f]						-	-	-		-			-	- [e]	-	-	-	-	-	-	-
	(MSSA)	115	17.2 (87)	-												100.0 [f] (115)						95.5 (66)	-	-		100 (81)			-	- [e]	93.9 (115)	-	94.8 (115)	-	-	100 (100)	-
	Staphylococcus, coagulase negative	1380	15.1 (516)	-												41.1 [f] (231)						54.3 (519)	-	-		70.5 (667)			96.6 (58)	- [e]	43.4 (1135)	-	33.5 (1139)	-	-	63.4 (773)	63 (525)
	(MRCNS)	137	0 (109)	-												0.0 [f] (137)						39.3 (61)	-	-		55.1 (89)			-	- [e]	27.9 (136)	-	18.2 (137)	-	-	46.1 (128)	50 (48)
	(MSCNS)	97	27.5 (69)	-												100.0 [f] (97)						95.7 (47)	-	-		97.3 (73)			-	- [e]	79.4 (97)	-	64.6 (96)	-	-	92.2 (90)	-
	Streptococcus agalactiae	47	100 (40)	-	-							-		93.3 (30)	-									-				100 (40)			88.6 (44)	-	88.6 (44)	-	-		
	Streptococcus, beta-haem. not Group A,B,D	12	-	-	-							-		-	-									-				-			-	-	-	-	-		
	Streptococcus pneumoniae	58	- [d]	-		- [e]			- [e]															-				100 (46)			60 (50)	-	56.1 (57)	-	-	59.1 (44)	-
	Streptococcus pyogenes	42	94.9 (39)	-	-							-		-	-									-				96.9 (32)			86.8 (38)	-	84.6 (39)	-	-		
	Streptococcuss spp. Viridans Group	202		- [i]	- [e]							89.1 (64)		85.7 (49)	-									-				96.8 (185)			67.2 (192)	-	60.4 (197)	-	-		47.1 (51)

[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

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