Percentage of susceptible Organisms Isolated From All Specimen, JAN-DEC 2023

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	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)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM [a]	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXTIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN (U)	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µ g	VANCOMYCIN	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTOIN (U)	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* complex	600			R	R	-	24.8 (533)						3.8 (599)	28.2 (600)	1.7 (240)	-			R	28.7 (600)	28.8 (600)	98.8 (240)	30.9 (599)	10.8 (240)		46.7 (599)	42.1 (599)				R				R	44.1 (598)	- u
	Acinetobacter spp.	42					-	81.1 (37)						52.4 (42)	76.2 (42)	100 (1)	-				88.1 (42)	92.9 (42)		92.9 (42)	100 (1)		97.6 (42)	95.2 (42)									78.6 (42)	- u
	Aeromonas hydrophila	27						84.2 (19)			92.6 (27)			92.6 (27)	92.6 (27)	100 (1)	-		14.8 (27)	44.4 (27)	22.2 (27)	74.1 (27)		88.9 (27)	100 (1)		100 (27)	100 (27)								-	92.6 (27)	-
	Burkholderia cepacia complex	26			R	R	R								100 (26)					R		92.3 (26)	R		- e							R				- e	92.3 (26)	
	Burkholderia pseudomallei	11				100 e (1)									100 e (1)						100 e (1)																100 e (1)	- e
	Citrobacter freundii	61			R	R	R	68.6 (51)	R	R	R	R	-	83.3 (60)	83.3 (60)	50.0 (2)	-		R	93.4 (61)	93.4 (61)	93.4 (61)		70.0 (60)	100 (2)	-	96.7 (60)	90.0 (60)							-	-	75.0 (60)	-
	Enterobacter cloacae	241			R	R	R	73.8 (191)	R	R			-	67.9 (234)	67.9 (234)	0.0 (6)	-		R	93.7 (239)	94.9 (237)	95.8 (240)	83.3 (6)	77.0 (235)	83.3 (6)	-	97.0 (234)	87.2 (235)							-	-	76.9 (234)	-
	Enterobacter spp.	22			28.6 (21)	0.0 (3)	-	78.9 (19)	-	-	-	61.9 (21)	-	76.2 (21)	76.2 (21)	0.0 (3)	-		57.1 (21)	81.8 (22)	95.5 (22)	90.9 (22)		71.4 (21)	0.0 (3)	-	85.7 (21)	100 (21)							-	-	81.0 (21)	-
	Escherichia coli (all isolates)	1996			22.9 (1978)	34.3 (35)	-	86.9 (1724)	-	-	-	44.4 (1974)	-	63.6 (1977)	63.9 (1978)	6.1 (33)	-		91.6 (1978)	97.6 (1995)	97.8 (1986)	97.8 (1994)	93.9 (33)	41.8 (1978)	21.2 (33)	-	97.3 (1977)	76.3 (1978)							-	-	52.3 (1976)	-
	Haemophilus influenzae (all isolates)	99			74.7 (99)	74.7 (99)	-	-			74.7 (99)			99.0 (99)	-	-					-	-		-	-										100 (1)	51.5 (99)	-
	Klebsiella aerogenes	1			R	R	R	100 (1)	R	R			-	100 (1)	100 (1)	-	-		R	100 (1)	100 (1)	100 (1)	-	100 (1)	-	-	100 (1)	100 (1)							-	-	100 (1)	-
	Klebsiella oxytoca	40			R	-	-	77.4 (31)	-	-	-	80.0 (40)	-	87.5 (40)	87.5 (40)	-	-		100 (40)	100 (40)	100 (40)	100 (40)		90.0 (40)	-	-	100 (40)	95.0 (40)							-	-	92.5 (40)	-
	Klebsiella pneumoniae (all isolates)	1613			R	7.0 (115)	-	53.3 (1333)	-	-	-	36.4 (1509)	-	58.5 (1511)	58.6 (1511)	4.3 (115)	-		81.2 (1512)	82.5 (1611)	84.1 (1607)	83.9 (1612)	92.2 (115)	53.4 (1510)	12.2 (115)	-	90.5 (1512)	88.8 (1512)							-	-	60.6 (1511)	-
	Morganella morganii	151			R	R	-	93.1 (131)	R	R	R	R	-	89.9 (149)	89.9 (149)	100 (2)	-		36.7 (150)	99.3 (151)	53.0 (151)	99.3 (151)	R	87.9 (149)	50.0 (2)	-	98.0 (150)	94.7 (150)							R	-	82.0 (150)	-
	Neiseria meningitidis	1		- e	- e									100 (1)		-						100 (1)		0.0 (1)	- e											-	0.0 (1)	
	Proteus mirabilis	302			64.5 (301)	100 (1)	-	97.7 (260)	-	-	-	83.4 (301)	-	92.4 (302)	93.0 (302)	0.0 (1)	-		96.0 (300)	100 (302)	81.8 (302)	100 (302)	R	76.5 (302)	0.0 (1)	-	99.0 (302)	89.1 (302)							R	-	64.6 (302)	R
	Proteus vulgaris	60			R	-	-	100 (51)	R	R	R	R	-	98.3 (60)	98.3 (60)	-	-		93.3 (60)	100 (60)	73.3 (60)	100 (60)	R	100 (59)	-	-	100 (60)	100 (60)							R	-	93.3 (60)	R
	Providencia rettgeri	27			R	R	-	95.7 (23)	R	R	-	92.6 (27)	-	92.3 (26)	92.6 (27)	0.0 (1)	-		92.6 (27)	96.3 (27)	84.6 (26)	100 (27)	R	88.9 (27)	0.0 (1)	-	96.3 (27)	92.6 (27)							R	-	92.6 (27)	R
	Providencia stuartii	22			R	R	-	95.0 (20)	R	R	-	100 (21)	-	100 (22)	100 (22)	-	-		100 (22)	100 (22)	81.8 (22)	100 (22)	R	86.4 (22)	-	-	100 (22)	100 (22)							R	-	100 (22)	R
	Providencia spp.				-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-	-	-	-							-	-	-	-
	Pseudomonas aeruginosa (all isolates)	1034			R	R	R	74.7 (932)						R	76.6 (1032)	R	-			R	74.6 (1027)	75.9 (1034)	100 (129)	76.3 (1032)	14.7 (129)	-	98.0 u (1033)								R	R	R
	Salmonella, Typhoidal				-								-	-	-	-								-	- e											-	-	
	Salmonella spp.	120			55.2 (29)								-	93.1 (29)	93.1 (29)	100 (1)								88.3 (120)	0.0 e (1)											-	88.3 (120)	
	Serratia marcescens	119			R	R	R	85.6 (111)	R	R	R	R	-	68.1 (119)	68.1 (119)	-	-		R	99.2 (119)	97.5 (119)	99.2 (119)	R	92.4 (119)	-	-	99.2 (119)	96.6 (119)							R	-	69.5 (118)	-
	Shigella spp.				-																			-	-												-	
Gram negative	*Stenotrophomonas maltophilia*	305			R	R	R	R						R	30.0 e (10)	R				R	R	R			70.0 (10)		R	R	R			R				- e	94.1 (304)	-
	Vibrio cholerae (all serotypes)				-																															-	-	-
	Vibrio parahaemolyticus	7			-	-	-	-	- e		-			-	-		-		-		-	-		100 (7)	-		-	-									100 (7)	100 (7)
	Vibrio spp.	4			66.7 (3)	-	-	100 (3)	- e		66.7 (3)			100 (3)	100 (3)		-		33.3 (3)		66.7 (3)	66.7 (3)		75.0 (4)	-		33.3 (3)	100 (3)									100 (4)	0.0 (1)
Gram positive	*Enterococcus faecalis*	634	79.2 (634)	80.0 e (5)	99.8 (632)				R	R	R	R	R	R	R	R	R							- u	- u		R	R	- h	100 (634)	100 (5)	72.3 u (195)	R	40.0 (5)	-		R	- u
	Enterococcus faecium	285	8.8 (285)	0.0 e (5)	9.5 (283)				R	R	R	R	R	R	R	R	R							0.0 u (1)	- u		R	R	- h	97.2 (285)	60.0 (5)		R	0.0 (5)	-		R	0.0 u (1)
	Staphylococcus aureus (MSSA)	388	-	25.0 e (4)														0.0 f (1)						60.0 (5)	60.0 (5)			-		100 e (4)	100 e (4)		93.8 (388)	91.8 (388)	-	100 (4)	100 (5)	50.0 (4)
	Staphylococcus aureus (MRSA)	1	-	- e														0.0 f (1)						0.0 (1)	0.0 (1)			-		- e	- e		100 (1)	100 (1)	-	-	100 (1)	-
	Staphylococcus, coagulase negative	955	-	0.0 e (8)														- f						62.5 (8)	62.5 (8)			-		100 e (8)	87.5 e (8)		46.3 (954)	40.7 (955)	-	75.0 (8)	75.0 (8)	62.5 (8)
	Staphylococcus, coagulase negative (blood)	354	-	0.0 e (5)														- f						60.0 (5)	60.0 (5)			-		100 e (5)	80.0 e (5)		44.6 (354)	39.3 (354)	-	60.0 (5)	80.0 (5)	60.0 (5)
	Streptococcus agalactiae	157	99.4 (157)	100 e (1)	99.4 (156)									100 (1)		100 (1)	-								100 (1)					100 (1)		100 (1)	79.1 (153)		100 (1)		0.0 (1)
	Streptococcus, β-hemolytic not Group A,B,D	93	98.9 (93)	100 e (1)	98.9 (93)									100 (1)		100 (1)	-								100 (1)					95.2 (21)		100 (1)	66.2 (71)		100 (1)		100 (1)
	Streptococcus pyogenes	49	98.0 (49)	- e	98.0 (49)									-		-	-								-					-		-	98.0 (49)		-		-
	Streptococcus pneumoniae (all isolates)	44	- d	75.0 e (4)		100 e (4)					100 e (1)	100 e (1)													100 (5)					100 (44)		100 (4)	100 (4)		100 (4)	75.0 (4)	100 (4)
	(age 0-5 years old)	7	- d	- e		- e					- e	- e													100 (1)					100 (7)		-	-		-	-	-
	(age > 5 years old)	37	- d	75.0 e (4)		100 e (4)					100 e (1)	100 e (1)													100 (4)					100 (37)		100 (4)	100 (4)		100 (4)	75.0 (4)	100 (4)
	(Sterile sites) b	14	- d	- e							100 e (1)	100 e (1)													100 (5)					100 (14)		100 (4)	100 (4)		100 (4)	75.0 (4)	100 (4)
	(Non-sterile sites) c	30	- d	- e		- e					- e	- e													-					100 (30)		-	-		-	-	-
	(Meningitis: by E-test)			- e										- e		- e	- e																				
	(Nonmeningitis: by E-test)	44		100 e (4)		100 e (4)								100 e (4)		100 e (4)	- e																				

a : No CLSI Interpretive Criteria. Interprete according to cefoperazone/sulbactam in Enterobacteriacae, b : Blood, Pleural Fluid, c : Sputum, Ear, Sinus,d : Interprete according to oxacillin susceptibility test,e : MIC Interpretive Criteria,f : Interprete according to cefoxitin susceptibility test

h : High-Level Aminoglycoside , u : Urine , Urine Catheter , Urine Clean - Voided, R : Intrinsic resistance , *N <30 isolates tested . The result is not significant as per CLSI guidelines * ข้อมูลความไวจากวิธี disk diffusion และ MIC รวมกัน * COLISTIN คำนวณจาก Intermediate

%S			
≥ 90	80-89	70-79	0-69