Percentage of susceptible Organisms Isolated From Blood, Clinical Microbiology Laboratory, Vachiraphuket Hospital, January-December-2021 (1/2)

	Organism	TOTAL ISOLATES	BETA - LACTAMS								CARBAPENEMS			QUINOLONES		AMINOGLYCOSIDES			GLYCOPEPTIDES	MISCELLANEOUS			
			PENICILLIN	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN [f]	ERTAPENEM	IMIPENEM	MEROPENEM	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg [h]	VANCOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter baumannii* complex	86		R	R	46 (86)		29 (85)	6 (86)	33 (86)		R	35 (86)	34 (85)	38 (86)									
	Aeromonas hydrophila	9[a]						86 (9)	67 (9)	89 (9)		86 (7)	44 (9)	56 (9)	88 (8)		100 (9)	100 (9)					50 (2)	
	Burkholderia pseudomallei	12[a]						100 (12)					100 (12)										100 (12)	
	Enterobacter cloacae	18[a]		R	R	R			53 (17)	82 (11)		94 (18)	94 (18)	94 (18)	67 (18)		100 (18)	85 (13)					69 (13)	
	Escherichia coli	241		25 (163)	78 (238)				66 (239)	86 (239)		99 (241)	99 (241)	99 (241)	38 (241)		100 (241)	78 (241)					51 (204)	
	Klebsiella pneumoniae	128		R	78 (123)				66 (125)	82 (115)		82 (128)	95 (128)	94 (128)	65 (128)		99 (128)	90 (128)					74 (125)	
	Morganella morganii	6[a]		R	R				100 (6)	100 (6)		100 (6)	25 (6)	100 (6)	83 (6)		100 (6)	85 (6)					100 (6)	
	Proteus mirabilis	24[a]		53 (24)	67 (24)				92 (24)	100 (24)		96 (24)	17 (24)	100 (24)	65 (24)		100 (24)	76 (24)						R
	Pseudomonas aeruginosa	42		R	R	R	R	90 (42)	R	92 (42)		R	83 (42)	83 (42)	90 (42)		100 (42)						R	R
	Salmonella spp.	39		56 (37)					95 (39)						48 (25)								97 (39)	
	Stenotrophomonas maltophilia	24[a]		R	R			100 (24)	R			R	R	R		100 (24)	R	R					96 (24)	

Percentage of susceptible Organisms Isolated From Blood, Clinical Microbiology Laboratory, Vachiraphuket Hospital, January-December-2021 (2/2)

	Organism	TOTAL ISOLATES	BETA - LACTAMS								CARBAPENEMS			QUINOLONES		AMINOGLYCOSIDES			GLYCOPEPTIDES	MISCELLANEOUS			
			PENICILLIN	AMPICILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPICILLIN / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN [f]	ERTAPENEM	IMIPENEM	MEROPENEM	CIPROFLOXACIN	LEVOFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg [h]	VANCOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	CO-TRIMOXAZOLE	TETRACYCLINE
Gram positive	*Enterococcus faecalis*	33		100 (33)			R	R	R	R					70 (30)		R	R	64 (33)	100 (33)	R	12 (33)	R	
	Enterococcus faecium	12[a]		0 (12)			R	R	R	R					0 (12)		R	R	100 (12)	92 (12)	R	0 (12)	R	
	All *Enterococcus* spp.	51		76 (51)											56 (26)				78 (26)	96 (26)		10 (26)		
	Staphylococcus aureus (all isolates)	109									88 (108)				93 (107)			95 (109)		100 (109)	90 (109)	88 (109)	90 (109)	
	(MRSA)	13[a]									0 (13)				78 (13)			85 (13)		100 (13)	54 (13)	54 (13)	77 (13)	
	(MSSA)	96									100 (96)				96 (96)			97 (96)		100 (96)	95 (96)	93 (96)	92 (96)	
	Staphylococcus, coagulase negative	702									31 (702)				57 (685)			67 (702)		100 (702)	40 (702)	31 (702)	75 (694)	
	(MRCNS)	486									0 (486)				37 (486)			53 (486)		100 (486)	20 (486)	15 (486)	69 (486)	
	(MSCNS)	216									100 (216)				97 (216)			99 (216)		100 (216)	78 (216)	72 (216)	94 (216)	
	Streptococcus agalactiae	20[a]	100 (20)																					
	Streptococcus pneumoniae	19[a]	100 (19)						100 (19)															
	Streptococcus pyogenes	14[a]	100 (14)																					

[a] : Calculated from fewer than the standard recommendation of 30 isolates

[b] : Blood, Pleural Fluid, CSF

[c] : Sputum, Ear, Sinus

[d] : Interprete according to oxacillin susceptibility test

[e] : MIC Interpretive Criteria

[f] : Interprete according to cefoxitin susceptibility test

[u] : Urine, Urine Catheter, Urine Clean- Voided

R : Intrinsic resistance

% S

≥ 90

80-89

70-79

50-69

< 50

[h] : High-Level Aminoglycoside ;Susceptible: is synergistic with cell wall-active agent (eg. ampicilin, penicillin and vancomycin).