

ANNUAL REPORT OF ANTIMICROBIAL SUSCEPTIBILITY

JAN-DEC 2016

Nopparatrajathanee Hospital

Percentage of Susceptible*

ORGANISMS

ORGANISMS	Collistin	Ampicillin ^a	Amoxicillin/Clav.	Methicillin ^b	Penicillin	Ampicillin/Sulb.	Piperacilin/Tazob.	Cefazolin ^c	Cefotaxime	Ceftriaxone	Cefazidime	Cefepazone/Sulb.	Imipenem	Meropenem	Ertapenem	Gentamicin	Amikacin	Netilmicin	Ciprofloxacin	Norfloxacin	Levofloxacin	Trimetho/Sulfa.	Tigecycline	Chloramphenicol	Erythromycin	Clindamycin	Fosfomycin	Fusidic acid	Vancomycin	
<i>Achromobacter xylosoxidans</i>						97 (63)	2 (63)	2 (63)	95 (63)	84 (63)	86 (63)	2 (63)	3 (63)	5 (63)	5 (63)	65 (63)	95 (63)													
<i>Acinetobacter baumannii</i>	100 (550)					27 (1069)	23 (1071)	5 (22)	23 (1071)	28 (1071)	24 (1071)	24 (1071)	43 (1071)	47 (1071)	100 (1071)	22 (1071)	22 (1069)						40 (1069)							
<i>Acinetobacter junii</i>						97 (35)	97 (35)		0 (2)	91 (35)	100 (35)	94 (35)	94 (35)		94 (35)	100 (35)			94 (35)	94 (35)										
<i>Burkholderia cepacia</i>										100 (13)											100 (13)	100 (13)								
<i>Chryseobacterium gleum</i>						68 (22)	9 (22)	5 (22)	100 (22)			18 (22)	9 (22)		5 (22)	9 (22)	5 (22)	14 (22)			18 (22)	14 (22)								
<i>Delftia acidovorans</i>						92 (13)	77 (13)	77 (13)	100 (13)			85 (13)	77 (13)		0 (13)	8 (13)	0 (13)	23 (13)			15 (13)	77 (13)								
<i>Elizabethkingia meningoseptica</i>						73 (11)	0 (11)	0 (11)	0 (11)			0 (11)	0 (11)		0 (11)	9 (11)	0 (11)	27 (11)			55 (11)									
<i>Pseudomonas aeruginosa</i>	99 (126)					72 (1266)	0 (4)	67 (1267)	62 (1267)	62 (1267)	64 (1267)				71 (1267)	73 (1267)	85 (1267)	66 (1267)	42 (219)	64 (1265)										
<i>Pseudomonas putida</i>						62 (21)	19 (21)	24 (21)	57 (21)	62 (21)	52 (21)				62 (21)	95 (21)	81 (21)	48 (21)			48 (21)	14 (21)								
<i>Stenotrophomonas maltophilia</i>										45 (295)											83 (295)	97 (295)								
<i>Citrobacter diversus</i>		3 (68)	75 (68)			85 (68)	66 (68)	71 (68)	71 (68)	71 (68)	84 (68)	99 (68)	100 (68)	99 (68)	87 (68)	88 (68)	91 (68)	81 (68)	55 (68)	82 (68)	79 (68)									
<i>Citrobacter freundii</i>		3 (38)	3 (38)			68 (38)	11 (38)	55 (38)	55 (38)	53 (38)	76 (38)	84 (38)	89 (38)	84 (38)	71 (38)	97 (38)	84 (38)	61 (38)	33 (38)	68 (38)	61 (38)									
<i>Enterobacter aerogenes</i>		0 (42)	0 (42)			93 (42)	2 (42)	81 (42)	81 (42)	83 (42)	93 (42)	93 (42)	100 (42)	100 (42)	88 (42)	100 (42)	100 (42)	100 (42)	100 (42)	100 (42)	95 (42)									
<i>Enterobacter cloacae</i>		2 (306)	1 (306)			73 (306)	2 (306)	61 (306)	61 (306)	62 (306)	78 (306)	93 (306)	94 (306)	85 (306)	76 (306)	92 (306)	84 (306)	68 (306)	40 (306)	75 (306)	67 (306)									
<i>Escherichia coli</i>		26 (1154)	77 (1154)			94 (1154)	83 (1154)	96 (1154)	97 (1154)	97 (1154)	98 (1154)	99 (1154)	99 (1154)	99 (1154)	77 (1154)	99 (1154)	98 (1154)	60 (1154)	54 (1154)	60 (1154)	50 (1154)									
<i>E.coli (ESBL producing strain)</i>		0 (1226)	40 (1226)			84 (1226)	0 (1226)	0 (1226)	22 (1226)	73 (1226)	99 (1226)	99 (1226)	99 (1226)	99 (1226)	42 (1226)	98 (1226)	93 (1226)	23 (1226)	22 (1226)	25 (1226)	29 (1226)									
<i>Klebsiella pneumoniae</i>		1 (1086)	78 (1086)			81 (1086)	78 (1086)	81 (1086)	82 (1086)	81 (1086)	82 (1086)	83 (1086)	83 (1086)	83 (1086)	84 (1086)	84 (1086)	84 (1086)	74 (1086)	50 (1086)	75 (1086)	73 (1086)									
<i>Kleb.pneumoniae (ESBL producing strain)</i>		0 (515)	17 (515)			34 (515)	0 (515)	0 (515)	6 (515)	43 (515)	88 (515)	87 (515)	86 (515)	59 (515)	83 (515)	83 (515)	18 (515)	27 (515)	34 (515)	20 (515)										
<i>Klebsiella oxytoca</i>		0 (13)	92 (13)			92 (13)	15 (13)	92 (13)	92 (13)	92 (13)	92 (13)	92 (13)	92 (13)	92 (13)	92 (13)	92 (13)	92 (13)	92 (13)	75 (13)	92 (13)										
<i>Morganella morganii</i>		2 (117)	2 (117)			97 (117)	2 (117)	75 (117)	78 (117)	88 (117)	98 (117)	35 (117)	100 (117)	100 (117)	59 (117)	98 (117)	94 (117)	61 (117)	69 (117)	70 (117)	58 (117)									
<i>Plesiomonas shigelloides</i>		8 (13)	100 (6)			100 (6)	100 (6)	100 (6)	100 (6)			100 (6)	100 (6)	100 (6)	33 (6)	100 (6)	75 (6)	100 (6)	79 (6)	100 (6)										
<i>Proteus mirabilis</i>		62 (368)	88 (368)			99 (368)	86 (368)	98 (368)	98 (368)	99 (368)	100 (368)	98 (368)	100 (368)	100 (368)	83 (368)	100 (368)	89 (368)	75 (368)	76 (368)	78 (368)	58 (368)									
<i>Proteus mirabilis (ESBL producing strain)</i>		0 (87)	74 (87)			99 (87)	0 (87)	1 (87)	5 (87)	70 (87)	94 (87)	94 (87)	98 (87)	98 (87)	41 (87)	98 (87)	69 (87)	31 (87)	19 (87)	31 (87)	16 (87)									
<i>Proteus vulgaris</i>		0 (26)	73 (26)			100 (26)	4 (26)	96 (26)	96 (26)	100 (26)	92 (26)	100 (26)	100 (26)	100 (26)	92 (26)	100 (26)	100 (26)	81 (26)	86 (26)	81 (26)	58 (26)									
<i>Providencia rettgeri</i>		32 (28)	18 (28)			82 (28)	46 (28)	68 (28)	75 (28)	68 (28)	79 (28)	68 (28)	79 (28)	64 (28)	79 (28)	68 (28)	68 (28)	47 (28)	68 (28)	61 (28)										
<i>Providencia stuartii</i>		8 (130)	5 (130)			98 (130)	8 (130)	33 (130)	32 (130)	72 (130)	79 (130)	100 (130)	100 (130)	100 (130)	74 (130)	62 (130)	47 (130)	15 (130)	18 (130)	18 (130)	42 (130)									
<i>Salmonella spp.</i>		36 (243)	85 (33)			100 (33)	76 (33)	76 (33)	88 (33)	100 (33)	100 (33)	100 (33)	100 (33)	100 (33)					93 (127)	97 (118)	100 (18)	78 (243)								
<i>Serratia marcescens</i>		0 (92)	0 (92)			91 (92)	0 (92)	55 (92)	55 (92)	57 (92)	93 (92)	97 (92)	100 (92)	100 (92)	78 (92)	83 (92)	74 (92)	66 (92)	100 (92)	67 (92)	68 (92)									
<i>Shigella spp.</i>		92 (13)																	100 (6)	63 (8)	8 (13)									
<i>Aeromonas caviae</i>		0 (17)	0 (8)			75 (8)	88 (8)	75 (8)	88 (8)		63 (8)	100 (8)	63 (8)	100 (8)	100 (8)	100 (8)	100 (8)	82 (17)	88 (8)	100 (8)	76 (25)									
<i>Aeromonas hydrophila</i>		0 (12)	0 (21)			90 (21)	71 (21)	67 (21)	95 (21)		76 (21)	100 (21)	62 (21)	95 (21)	95 (21)	93 (27)	100 (6)	95 (21)	88 (33)											
<i>Aeromonas veronii</i>		0 (29)	0 (17)			100 (17)	100 (17)	100 (17)	100 (17)		82 (17)	82 (17)	65 (17)	100 (17)	100 (17)	100 (17)	100 (17)	97 (29)	100 (19)	100 (17)	78 (46)									
<i>Vibrio parahaemolyticus</i>		0 (22)																	100 (22)											
<i>Haemophilus influenzae</i>		71 (68)	100 (68)					100 (68)					100 (68)						100 (68)		44 (68)		93 (68)							
<i>Moraxella catarrhalis</i>		100 (46)																			91 (46)		98 (46)							
<i>Enterococcus faecalis</i>		100 (442)		59 (442)											46 (442)				36 (282)							100 (118)		100 (442)		
<i>Enterococcus faecium</i>		2 (306)		1 (306)											68 (306)				2 (256)									92 (306)		
<i>Staphylococcus aureus (MRSA)</i>			0 (336)	0 (336)											44 (336)				16 (31)		96 (336)				9 (305)	9 (305)	69 (230)	97 (336)	100 (334)	
<i>Staphylococcus aureus (MSSA)</i>			100 (604)	13 (604)											100 (604)				92 (24)		100 (603)				93 (580)	93 (580)	99 (394)	100 (604)		
<i>Streptococcus gr.A</i>			100 (60)						100 (60)															93 (59)	90 (59)	97 (59)		100 (60)		
<i>Streptococcus gr.B</i>			100 (165)						100 (165)															99 (130)	92 (130)	91 (130)		100 (165)		
<i>Streptococcus anginosus</i>			100 (17)						100 (17)															100 (13)	100 (13)	100 (13)		100 (17)		
<i>Streptococcus bovis</i>			82 (38)						100 (38)															94 (31)	26 (31)	26 (31)		10		