

Percent Susceptibility of Organisms Isolated From Urine, 4 hospitals, BKK, Jan - Dec 2016

Organism	TOTAL ISOLATES	BETA - LACTAMS													CARBAPENEM			POLY MYXINS	QUINOLONES				AMINOGLYCOSIDES			GLYCOPEPTIDES			MISCELLANEOUS												
		PENICILLIN	AMPCILLIN	AMOXICILLIN/CLAVULANIC ACID	AMPCILLIN/SULBACTAM	PIPERACILLIN/TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONESULBACTAM <sup>a</sup>	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN	NAALDIRIC ACID	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BYE-TEST	TECOPOLANIN	FOSEFOMYCIN	CLINDAMYCIN	ERYTHROMYCIN	NITROFURANTON	CHLORAMPHENICOL	COTRIMOXAZOLE	TETRACYCLINE	
<i>A. calcoaceticus-baumannii</i> complex	192	-	-	-	29.5 (112)	23.8 (172)	-	-	-	-	3.2 (126)	25 (176)	3.2 (124)	-	-	-	-	27.4 (175)	28.8 (170)	- <sup>e</sup>	-	22.8 (167)	25 (88)	-	-	40.2 (174)	32.6 (86)	-	- <sup>e</sup>	-	-	-	-	-	-	-	-	-	-	34.4 (122)	- <sup>u</sup>
<i>Acinetobacter</i> spp.	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30 (30)	- <sup>e</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.3 (30)	- <sup>u</sup>	
<i>Enterobacter cloacae</i>	68	-	-	6.2 (65)	25.8 (31)	68.2 (44)	-	-	-	-	60.6 (66)	62.1 (66)	60.4 (53)	-	-	-	-	88.9 (54)	88.4 (43)	-	-	64.4 (59)	70.5 (44)	78.6 (42)	-	86.8 (53)	76.9 (52)	-	-	-	-	-	-	-	-	-	-	-	73.3 (45)	-	
<i>Enterobacter</i> spp.	41	-	-	-	-	62.2 (37)	-	-	-	-	48.7 (39)	56.4 (39)	52.6 (38)	-	-	-	-	86.5 (37)	94.6 (37)	-	-	65.8 (38)	-	72.7 (33)	-	92.1 (38)	-	-	-	-	-	-	-	-	-	-	-	-	68.6 (35)	-	
<i>Escherichia coli</i>	2,531	-	20.3 (192)	68.5 (1701)	43.6 (837)	96.5 (1880)	35.9 (142)	66.9 (142)	54.4 (610)	-	54.4 (2449)	62.4 (2447)	54.7 (2129)	58.8 (34)	-	90.4 (832)	-	98.5 (2083)	99 (1868)	-	32 (344)	39 (2158)	44.4 (971)	39.3 (1871)	-	96.8 (2124)	70.3 (1608)	-	-	-	-	-	-	99.1 (1624)	-	-	98.3 (344)	-	43.7 (2054)	27.5 (306)	
<i>Klebsiella pneumoniae</i>	790	-	4 (50)	50 (546)	38.1 (270)	52.5 (591)	43.9 (41)	68.3 (41)	39.9 (213)	-	46.1 (768)	48.6 (767)	47.9 (655)	-	-	78.1 (265)	-	94.2 (668)	94.2 (584)	-	39.6 (101)	43.4 (682)	54.3 (315)	48.7 (589)	-	95.2 (650)	77.3 (498)	-	-	-	-	-	-	-	70.2 (121)	-	42.7 (677)	42.5 (106)			
<i>Klebsiella</i> spp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Morganella morganii</i>	62	-	-	3 (33)	-	100 (42)	-	-	-	-	89.3 (56)	92.9 (56)	88.9 (45)	-	-	-	-	47.4 (57)	100 (44)	-	-	68 (50)	-	72.2 (54)	-	100 (45)	87.1 (31)	-	-	-	-	-	-	-	-	-	-	-	62.7 (59)	-	
<i>Proteus mirabilis</i>	192	-	-	86 (136)	81.5 (65)	99.2 (121)	-	-	93 (43)	-	92.3 (181)	97.8 (181)	94.7 (150)	-	-	95.3 (64)	-	80.3 (147)	100 (121)	-	-	83.1 (160)	83.3 (72)	83.6 (134)	-	99.3 (150)	87.6 (121)	-	-	-	-	-	-	-	-	0 (31)	-	60.7 (150)	-		
<i>Pseudomonas aeruginosa</i>	310	-	-	-	-	68.4 (225)	-	-	-	-	-	65.1 (229)	-	-	-	-	-	69.5 (282)	72.3 (224)	-	-	63.5 (249)	73.2 (142)	67.1 (143)	-	74.3 (226)	66.7 (144)	-	-	-	-	-	-	-	-	-	-	-			
<i>Salmonella, typhoidal</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Salmonella, Non-typhoidal</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Enterococcus faecalis</i>	477	62.4 (290)	97.6 (419)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5 (172)	8.7 (46)	25.2 (428)	-	-	-	-	-	99.7 (396)	-	100 (101)	90.3 (373)	-	-	-	97.5 (81)	-	9.7 (93)		
<i>Enterococcus faecium</i>	152	13.4 (82)	4.7 (129)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.1 (69)	9.4 (138)	-	-	-	-	100 (129)	-	100 (45)	-	-	-	-	-	-	4.7 (129)			
<i>Enterococcus</i> spp.	110	18.7 (91)	22.3 (94)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7 (59)	8.7 (46)	6.1 (82)	-	-	-	100 (94)	-	-	-	-	-	-	-	-	-				
<i>Staphylococcus aureus</i>	74	-	-	-	-	-	-	-	-	-	-	-	-	-	88.7 (71)	-	-	-	-	-	-	-	-	-	-	-	82.6 (46)	-	-	-	-	-	-	-	-	-	-	94 (67)	-		
<i>Staphylococcus aureus, MRSA</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
<i>Staphylococcus aureus, MSSA</i>	63	-	-	-	-	-	-	-	-	-	-	-	-	-	100 (63)	-	-	-	-	-	-	-	-	-	-	-	95 (40)	-	-	-	-	-	-	-	-	-	-	100 (59)	-		
<i>Staphylococcus, coagulase negative</i>	239	1.6 (63)	-	-	-	-	-	-	-	-	-	-	-	21 (233)	-	-	-	-	-	-	-	35.7 (56)	47.4 (38)	32.5 (114)	-	-	51.8 (170)	-	-	-	100 (38)	-	-	41.5 (53)	29.6 (54)	-	91.4 (35)	60.4 (227)	24.4 (41)		
Methicillin resistant <i>Staphylococcus, coagulase negative</i> MRCONS	185	0 (54)	-	-	-	-	-	-	-	-	-	-	-	0 (185)	-	-	-	-	-	-	-	27.7 (47)	-	21.3 (94)	-	-	39.8 (128)	-	-	-	-	-	-	40.9 (44)	26.7 (45)	-	-	52.6 (175)	15.6 (32)		
Methicillin susceptible <i>Staphylococcus, coagulase negative</i> , MSCNS	50	-	-	-	-	-	-	-	-	-	-	-	-	100 (50)	-	-	-	-	-	-	-	-	-	-	-	-	85.4 (41)	-	-	-	-	-	-	-	-	-	86 (50)	-			
<i>Streptococcus agalactiae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

<sup>a</sup> : No CLSI Interpretive Criteria. Interpret according to cefoperazone/sulbactam in *Enterobacteriaceae*

<sup>b</sup> : Blood, Pleural Fluid

<sup>c</sup> : Sputum, Ear, Sinus

<sup>d</sup> : Interpret according to oxacillin susceptibility test

<sup>e</sup> : MIC Interpretive Criteria

<sup>f</sup> : Interpret according to cefoxitin susceptibility test

<sup>u</sup> : Urine, Urine Catheter, Urine Clean- Voided