

Percentage of susceptible Organisms Isolated From Sputum, 8 hospitals, JANUARY - JUNE 2018, RMSC 5th

Organism		TOTAL ISOLATES	BETA - LACTAMS											CARBAPENEMS				POLY MYXINS	QUINOLONES			AMINOGLYCOSIDES			GLYCOPEPTIDES	MISCELLANEOUS										
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN / CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFZOLIN (A)	CEFUOXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM <sup>a</sup>	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMPENEM	MEROPENEM	COLISTIN BY MIC	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	CHLORAMPHENICOL	CO-TRIMOXAZOLE
Gram negative	<i>Acinetobacter calcoaceticus-baumannii</i> complex	1,373		R	R	25.4 (727)	18.6 (1237)				4.7 (721)	21.6 (1208)	4.2 (959)	22 (368)		R	17.8 (1099)	21.2 (1134)			18.4 (967)	19.8 (610)	36.4 (1333)	24.6 (1093)									R	26.2 (1177)		
	<i>Acinetobacter</i> spp.	349				50 (264)	57 (328)				27.2 (268)	54.6 (315)	29 (303)	51.6 (64)			52.8 (159)	51.3 (318)			63.4 (112)	63.2 (242)	58.6 (336)	56.9 (130)											58.8 (328)	
	<i>Enterobacter cloacae</i>	138		R	R	R	85.5 (55)	R	R	78.9 (57)	52.5 (101)	58.8 (131)	57.3 (75)	59.6 (94)		R	95.6 (114)	99.1 (106)	WT		75.2 (105)	85.7 (84)	99.1 (111)	72.6 (106)											78.9 (76)	
	<i>Enterobacter</i> spp.	17																																		
	<i>Escherichia coli</i>	376		8 (276)	55 (231)	49.8 (233)	92.2 (167)	14.6 (89)	41.8 (110)	77.4 (106)	41.3 (293)	53.3 (349)	41.6 (221)	40.9 (203)		83.3 (270)	100 (35)	96.5 (311)	97.3 (296)	WT	44.1 (288)	45.9 (209)	97.4 (303)	61.2 (255)										41.9 (217)	17.1 (41)	
	<i>Haemophilus influenzae</i>	124		35.5 (121)	77.2 (101)						96.3 (81)		100 (95)					100 (45)	100 (56)			100 (108)	100 (47)												34.9 (106)	
	<i>Klebsiella aerogenes</i>	35		R	R	R	88 (25)	R	R		71 (31)	80 (35)				R	100 (33)		WT		87.5 (32)		100 (32)													
	<i>Klebsiella pneumoniae</i>	1,327		R	63.3 (859)	62.5 (786)	76.5 (672)	39 (290)	60.4 (366)	79.3 (363)	60.1 (1123)	65.6 (1289)	61.1 (828)	63.8 (729)		81.5 (977)	87.8 (115)	86.7 (1147)	88.3 (1077)	WT	66.7 (1100)	77.9 (738)	63.9 (219)	90.9 (1118)	82.7 (970)									62.7 (815)	65.8 (146)	
	<i>Klebsiella</i> spp.	154		2.3 (131)	47.1 (138)	35.4 (48)	76.4 (89)	43.8 (48)		67.7 (96)	55.2 (105)	62.3 (151)	57.8 (135)	60.6 (109)		65.1 (126)		85.3 (150)	86.1 (144)			59.4 (128)	76.3 (118)	92.5 (146)	84.7 (137)									51.1 (135)		
	<i>Moraxella catarrhalis</i>	42							e					e																				87.5 (40)		
	<i>Proteus mirabilis</i>	68		49.2 (65)	83.3 (48)	79.6 (54)	100 (35)			100 (30)	80.6 (67)	89.7 (88)	83.7 (43)	83.7 (49)		90.2 (41)		94.1 (68)	100 (67)	R		79.4 (68)	78.4 (37)	100 (60)	76.7 (60)									64.7 (34)	R	
	<i>Pseudomonas aeruginosa</i>	1,199		R	R	R	86.1 (1090)				R	86.9 (1038)	R	91 (632)		R	79.5 (942)	79.5 (977)				87.3 (852)	85.9 (511)	90.1 (1117)	76.4 (950)	76.4 (72)								R	R	R
	<i>Serratia marcescens</i>	56		R	R	R		R			91.8 (49)	94.4 (18)	85 (20)			R				R		100 (32)														
	<i>Salmonella</i> , typhoidal	-																																		
	<i>Salmonella</i> , Non-typhoidal	8																																		
<i>Stenotrophomonas maltophilia</i>	191			R	R	R	R				R	e	R			R	R	R				89.2 (74)		R	R	R							e	94.3 (174)		
Gram positive	<i>Staphylococcus aureus</i>	568	2.3 (264)											83.3 (504)	f						72.7 (216)	76.2 (244)	85 (80)	85.1 (303)								80.3 (436)	74 (461)	96.2 (503)	39.5 (43)	
	(MRSA)	87	0 (43)											0 (87)	f							0 (46)		21.7 (46)							12.7 (79)	7.6 (79)	92 (87)			
	(MSSA)	420	2.7 (222)											100 (420)	f							81.1 (190)	93.4 (196)	97.1 (69)	95.7 (258)						94.7 (358)	86.9 (383)	97.1 (417)	43.2 (37)		
	<i>Streptococcus pneumoniae</i>	102	d		e					e													100 (65)	67.4 (43)			100 (88)			68.5 (73)	69.9 (73)		47.4 (57)			

<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 ceftaxime susceptibility test

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