

## Percentage of susceptible Organisms Isolated From All Specimen, Tratat hospitals, JAN - DEC 2020

Organism		TOTAL ISOLATES	BETA - LACTAMS										CARBAPENEMS		QUINOLONES				AMINOGLYCOSID		COPEPT	MISCELLANEOUS		
			PENICILLIN	AMPICILLIN	AMOXICILIN/ CLAVULANIC PIPERACILIN / TAZOBACTAM	CEFZOLIN (A)	CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAZONE	OXACILLIN (f)	ERTAPENEM	MEROPENEM	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN (U)	OFLOXACIN	AMIKACIN	GENTAMICIN	VANCOMYCIN BY MIC	CLINDAMYCIN	CO-TRIMOXAZOLE	TETRACYCLINE	
Gram negative	<i>Acinetobacter calcoaceticus-baumanni</i> complex (all iso)	164	R	R	13.7 (161)			4.9 (163)	16.2 (154)	4.0 (151)		R	12.7 (157)	11.3 (150)	22.2 (162)		13.6 (154)	27.4 (164)	26.2 (164)			36.4 (162)	13.3 (158)	
	(ICU)	17	R	R	0.0 (17)			0.0 (17)	0.0 (16)	0.0 (17)		R	0.0 (17)		11.8 (17)		6.3 (16)	5.9 (17)	11.8 (17)			29.4 (17)		
	(nonICU)	147	R	R	15.3 (144)			5.5 (146)	18.1 (138)	4.5 (134)		R	14.3 (140)	12.8 (133)	23.4 (145)		14.5 (138)	29.9 (147)	27.9 (147)			37.2 (145)	14.9 (141)	
	(Sputum)	104	R	R	12.5 (104)			4.8 (104)	15.8 (101)	4.1 (97)		R	11.0 (100)	12.5 (96)	22.3 (103)		12.9 (101)	24.0 (104)	24.0 (104)			37.5 (104)	13.9 (101)	
	(Pus)	30	R	R	13.3 (30)			3.4 (29)	14.8 (27)	0.0 (27)		R	16.7 (30)	7.1 (28)	23.3 (30)		13.8 (29)	26.7 (30)	26.7 (30)			43.3 (30)	7.4 (27)	
	<i>Enterobacter</i> spp.	83		2.4 (82)	13.8 (80)	90.1 (81)	8.8 (80)	93.8 (81)	66.7 (81)	77.1 (70)	95.0 (80)		100.0 (18)	96.6 (29)	83.3 (78)	91.4 (81)	81.3 (16)	93.4 (76)	100.0 (82)	92.68 (82)			79.5 (78)	74.1 (81)
	<i>Escherichia coli</i> (all isolates)	563		14.2 (555)	71.5 (551)	91.0 (557)	29.9 (541)	89.0 (553)	57.6 (561)	68.7 (517)	58.3 (549)		93.8 (208)	93.9 (247)	52.8 (525)	56.6 (555)	46.8 (231)	56.2 (543)	97.13 (558)	68.87 (559)			50.3 (547)	32.7 (554)
	(ICU)	6		0.0 (6)	66.7 (6)	83.3 (6)	0.0 (5)	100.0 (6)	20.0 (5)	50.0 (6)	20.0 (5)		100.0 (5)	100.0 (5)	50.0 (6)	66.7 (6)	33.3 (3)	66.7 (6)	100.00 (6)	83.33 (6)			16.7 (6)	0.0 (6)
	(nonICU)	557		14.4 (549)	71.6 (545)	90.9 (551)	30.3 (535)	88.8 (547)	58.0 (555)	68.9 (511)	58.6 (544)		93.6 (203)	93.8 (242)	52.8 (519)	56.5 (549)	46.9 (228)	56.1 (537)	97.10 (552)	68.72 (553)			50.6 (541)	33.0 (548)
	(Urine)	300		15.1 (298)	73.2 (295)	88.6 (299)	65.9 (290)	86.2 (297)	59.5 (299)	69.4 (271)	59.7 (293)		91.0 (111)	91.3 (126)	48.6 (284)	50.3 (298)	46.8 (231)	48.8 (293)	96.97 (297)	69.23 (299)			48.8 (293)	34.2 (298)
	(Blood)	117		18.3 (115)	72.6 (113)	93.8 (112)	30.6 (111)	92.1 (114)	63.2 (117)	72.2 (108)	65.5 (113)		94.1 (34)	95.6 (45)	57.8 (109)	63.7 (113)		63.0 (108)	97.41 (116)	74.14 (116)			59.8 (112)	40.7 (113)
	(Sputum)	49		4.2 (48)	53.1 (49)	87.8 (49)	19.6 (46)	85.7 (49)	38.8 (49)	57.8 (45)	40.4 (47)		96.2 (26)	96.7 (30)	44.4 (45)	53.1 (49)		53.2 (47)	97.96 (49)	47.92 (48)			38.8 (49)	20.8 (48)
	(Pus)	89		9.2 (87)	73.9 (88)	96.7 (90)	18.4 (87)	96.5 (86)	55.1 (89)	67.8 (87)	55.1 (89)		100.0 (33)	97.6 (42)	64.2 (81)	68.2 (88)		70.8 (89)	96.63 (89)	71.91 (89)			50.0 (86)	22.7 (88)
	<i>Klebsiella pneumoniae</i> (all isolates)	423		R	77.4 (412)	96.8 (412)	44.7 (416)	76.1 (414)	56.6 (422)	60.6 (386)	58.3 (417)		88.0 (158)	88.4 (190)	61.3 (388)	75.2 (419)	59.7 (77)	75.9 (402)	92.7 (423)	76.9 (420)			61.6 (417)	58.3 (420)
	(ICU)	20		R	35.0 (20)	65.0 (20)	20.0 (20)	57.9 (19)	25.0 (20)	38.9 (18)	26.3 (19)		100.0 (12)	100.0 (15)	46.7 (15)	70.0 (20)	100.0 (2)	68.4 (19)	95.0 (20)	45.0 (20)			38.9 (18)	40.0 (20)
	(non ICU)	403		R	64.1 (395)	76.1 (402)	46.0 (396)	77.0 (395)	58.2 (402)	61.7 (368)	59.8 (398)		87.0 (146)	87.4 (175)	61.9 (373)	75.4 (399)	59.8 (82)	76.2 (383)	92.6 (403)	78.5 (400)			62.7 (399)	59.3 (400)
	(Urine)	99		R	58.3 (96)	70.7 (99)	39.6 (96)	75.8 (99)	48.0 (98)	53.9 (89)	50.5 (97)		89.1 (46)	86.5 (52)	49.5 (93)	57.6 (99)	59.7 (77)	58.3 (96)	89.9 (99)	81.8 (99)			48.5 (99)	48.5 (99)
	(Blood)	48		R	79.2 (48)	89.6 (48)	43.5 (46)	90.9 (44)	79.2 (48)	80.4 (46)	83.0 (47)		100.0 (6)	90.9 (11)	77.8 (45)	91.1 (45)		93.2 (44)	91.7 (48)	91.5 (47)			75.6 (45)	68.8 (48)
	(Sputum)	220		R	59.4 (217)	72.3 (220)	45.4 (218)	72.2 (216)	51.8 (220)	55.6 (198)	53.0 (217)		86.7 (90)	89.2 (111)	61.8 (199)	77.6 (219)		78.8 (208)	93.6 (220)	71.1 (218)			61.9 (218)	59.0 (217)
	(Pus)	49		R	70.2 (47)	87.5 (48)	53.1 (49)	81.3 (48)	73.5 (49)	76.1 (46)	73.5 (49)		84.6 (13)	84.6 (13)	66.7 (45)	83.7 (49)		83.0 (47)	93.9 (49)	79.6 (49)			75.0 (48)	65.3 (49)

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			PENICILLIN	AMPICILLIN	AMOXICILIN/	CLAVULANIC ACID PIPERACILIN /	TAZOBACTAM	CEFAZOLIN (A)	CEFOPERAZONE / SULBACTAM	CEFOTAXIME	CEFTAZIDIME	CEFTRIAXONE	OXACILLIN (f)	ERTAPENEM	MEROPENEM	CIPROFLOXACIN	LEVOFLOXACIN	NORFLOXACIN (U)	OFLOXACIN	AMIKACIN	GENTAMICIN	VANCOMYCIN	RY MIC	CLINDAMYCIN	CO-	TRIMOXAZOLE
Gram negative	<i>Proteus mirabilis</i>	56		56.4 (55)	92.7 (55)	98.2 (56)	69.1 (55)	100.0 (55)	85.7 (56)	100.0 (54)	87.3 (55)			100.0 (12)	92.0 (50)	92.9 (56)	70.0 (10)	94.2 (52)	98.18 (55)	90.91 (55)					72.2 (54)	R
	<i>Pseudomonas aeruginosa(all isolates)</i>	204		R	R	87.3 (204)			R	84.4 (179)	R		R	91.1 (202)	94.0 (183)	88.2 (204)	100.0 (8)	85.1 (195)	95.5 (202)	90.6 (203)					R	R
	(ICU)	9		R	R	88.9 (9)			R	88.9 (9)	R		R	88.9 (9)	88.9 (9)	77.8 (9)	100.0 (1)	66.7 (9)	88.9 (9)	88.9 (9)					R	R
	(non ICU)	195		R	R	87.2 (195)			R	84.1 (170)	R		R	91.2 (193)	94.3 (174)	88.7 (195)	100.0 (7)	86.0 (186)	95.9 (193)	90.7 (194)					R	R
	(Urine)	33		R	R	81.8 (33)			R	69.2 (26)	R		R	90.6 (32)	86.2 (29)	78.8 (33)	100.0 (8)	76.7 (30)	81.8 (33)	66.7 (33)					R	R
	(Sputum)	113		R	R	87.6 (113)			R	87.0 (100)	R		R	89.4 (113)	95.0 (101)	89.4 (113)		83.5 (109)	98.2 (113)	95.5 (112)					R	R
	(Pus)	47		R	R	93.6 (47)			R	88.4 (43)	R		R	97.8 (46)	95.2 (42)	91.5 (47)		93.3 (45)	97.8 (46)	100.0 (45)					R	R
	<i>Pseudomonas spp.</i>	64		R	R	68.9 (61)			R	76.5 (51)	R		R	63.9 (61)	70.2 (57)	68.8 (64)		67.2 (61)	63.49 (63)	59.4 (64)					R	R
Gram positive	<i>Staphylococcus aureus (all isolates)</i>	178	7.1 (170)									91.3 (173)			91.1 (157)	92.0 (175)	100.0 (3)	92.6 (162)	95.71 (70)	94.2 (173)			85.0 (173)	98.9 (177)	60.0 (160)	
	(ICU)	5	0.0 (5)									100.0 (5)			100.0 (4)	100.0 (5)		100.0 (3)	100.0 (2)	100.0 (5)			80.0 (5)	100.0 (5)	60.0 (5)	
	(non ICU)	173	7.3 (165)									91.1 (168)			90.8 (153)	91.8 (170)		92.5 (159)	95.59 (68)	94.0 (167)			85.1 (168)	97.6 (170)	60.0 (155)	
	(Blood)	41	12.8 (39)									95.0 (40)			92.9 (28)	92.3 (39)		91.7 (36)	90.00 (10)	95.0 (40)			95.0 (40)	100.0 (40)	61.8 (34)	
	(Sputum)	41	5.1 (39)									90.2 (41)			90.0 (40)	90.0 (40)		91.9 (37)	94.74 (19)	89.7 (39)			87.2 (39)	95.1 (41)	56.8 (37)	
	(Pus)	89	5.9 (85)									89.4 (85)			90.2 (82)	92.1 (89)		92.7 (82)	97.30 (37)	95.4 (87)			79.3 (87)	97.7 (87)	61.0 (82)	

Organisms isolated  $\geq 30$

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



% S 90-100 80-89 70-79 50-69 <50