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Antibiogram Jan - Dec 2019

Percent Resistance of Gram negative bacteria in Blood

Microorganisms	N	AMP	AMC	TZP	CFM	CRO	CAZ	SCF	FEP	MEM	SXT	CIP	AK	TOB	ATM	C	FOS	PB	AZM
Salmonella spp.	132	77	NT	NT	71	71	NT	NT	NT	0	80	99	NT	NT	NT	79	NT	NT	0
Escherichia coli	103	NT	84	48	89	88	NT	43	85	30	69	77	33	65	NT	NT	12	0	NT
Klebsiella pneumoniae	112	NT	91	64	94	92	NT	63	84	56	76	74	42	73	NT	NT	13	0	NT
Enterobacter spp.	133	NT	95	72	91	91	NT	69	83	71	84	77	34	77	NT	NT	17	0	NT
Proteus spp.	6	NT	67	0	60	83	NT	67	80	0	50	83	60	80	NT	NT	50	NT	NT
Acinetobacter spp.	88	NT	NT	44	NT	83	77	33	73	48	64	57	46	41	NT	NT	NT	0	NT
Pseudomonas aeruginosa	28	NT	NT	21	NT	NT	43	NT	43	39	NT	46	32	40	25	NT	NT	0	NT

Percent Resistance of Gram positive bacteria in Blood

Microorganisms	N	P	CRO	OX	VA	E	DA	FD	C	CIP	SXT	AK	LNZ
Staphylococcus aureus	41	NT	NT	61	0	51	12	24	0	66	22	12	0
Coagulase neg Staph	15	NT	NT	60	0	60	53	67	7	60	33	13	0
Enterococcus spp.	24	63	NT	NT	13	92	NT	NT	18	71	NT	NT	0
Streptococcus spp.	14	29	0	NT	0	64	36	NT	NT	50	NT	NT	NT

Percent Resistance of Gram negative bacteria in Urine

Microorganisms	N	AMC	TZP	CRO	CFM	SCF	FEP	CAZ	SXT	MEM	AK	TOB	OFX	NOR	FOS	F	PB
Escherichia coli	1126	79	13	75	81	14	63	NT	73	5	13	49	77	75	6	10	0
Klebsiella pneumoniae	121	81	7	82	74	6	71	NT	58	8	22	41	68	75	12	24	NT
Enterobacter spp.	12	75	17	60	100	27	67	NT	18	0	33	30	58	0	8	75	0
Proteus spp.	14	50	0	71	73	8	54	NT	54	0	18	36	71	73	0	NT	NT
Acinetobacter spp.	3	NT	0	50	NT	0	50	33	0	33	67	33	100	100	NT	67	0
Pseudomonas aeruginosa	93	NT	7	NT	NT	NT	28	31	NT	11	21	38	64	59	NT	NT	0

N=Number of total isolates

Key	
NT	Not Tested
P/AMP	Penicillin/Ampicillin
AMC	Amoxil-clavulanate
CFM	Cefixime
CRO	Ceftriazone
CAZ	Ceftazidime
CXM	Cefuroxime
FEP	Cefepime
TZP	Piperacillin/Tazobactam
SCF	Cefoperazone+sulbactam
IPM	Imipenem
MEM	Meropenem
AK	Amikacin
TOB	Tobramycin
OFX	Ofloxacin
CIP	Ciprofloxacin
NOR	Norfloxacin
F	Nitrofurantoin
FOS	Fosfomycin
ATM	Aztreonam
SXT	Co-trimoxazole
AZM	Azithromycin
E	Erythromycin
CLR	Clarithromycin
DA	Clindamycin
C	Chloramphenicol
PB	Polymyxin-B
TE	Tetracycline
OX	Oxacillin
VA	Vancomycin

LZD	Linezolid
FD	Fucidic acid

Percent Resistance of Gram positive bacteria in Urine

Microorganisms	N	P	OX	VA	OFX	AK	SXT	TE	LNZ	NOR	FOS	F
Staphylococcus aureus	21	NT	36	0	52	0	28	30	0	70	NT	0
Coagulase neg Staph	10	NT	60	0	40	0	40	60	0	80	NT	20
Enterococcus spp.	60	45	NT	10	76	NT	NT	72	0	79	2	22
Streptococcus spp.	9	11	NT	0	67	NT	NT	63	NT	83	14	0

Percent Resistance of Gram negative bacteria in Routine samples

Microorganisms	N	AMP	AMC	TZP	CFM	CRO	CAZ	SCF	FEP	MEM	CXM	CIP	AK	TOB	SXT	FOS	OT	PB	E/CLR	C
Escherichia coli	261	NT	65	41	91	90	NT	35	82	17	NT	73	30	67	80	13	81	0	NT	NT
Klebsiella pneumoniae	293	NT	76	43	75	79	NT	45	52	33	NT	70	42	47	60	14	63	0	NT	NT
Enterobacter spp.	135	NT	87	47	84	77	NT	42	63	37	NT	58	44	53	70	31	53	0	NT	NT
Proteus spp.	227	NT	55	4	50	54	NT	8	29	3	NT	39	31	48	72	17	91	NT	NT	NT
Acinetobacter spp.	134	NT	NT	77	NT	90	89	60	73	75	NT	85	80	52	87	NT	74	0	NT	NT
Pseudomonas aeruginosa	1030	NT	NT	12	NT	NT	18	NT	18	13	NT	22	19	21	NT	NT	NT	0	NT	NT
Haemophilus spp.	6	67	0	NT	NT	0	NT	NT	NT	NT	0	50	NT	NT	67	NT	NT	NT	0	33
Moraxella spp.	60	100	2	NT	NT	0	NT	NT	NT	NT	25	72	NT	NT	88	NT	NT	NT	72	NT

Percent Resistance of Gram positive bacteria in Routine samples

Microorganisms	N	P	CRO	OX	VA	E	DA	FD	C	TE	CIP	SXT	AK	LNZ
Staphylococcus aureus	1093	NT	NT	71	0	54	15	24	4	41	66	13	10	0
Coagulase neg Staph	37	NT	NT	49	0	54	27	28	11	30	51	46	10	0
Enterococcus spp.	52	54	NT	NT	10	82	NT	NT	33	84	86	NT	NT	0
Streptococcus spp.	107	7	0	NT	0	46	44	NT	14	53	42	NT	NT	NT
Streptococcus pneumoniae	10	80	17	NT	0	30	29	NT	0	30	17	67	NT	NT

N=Number of total isolates

