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**Antibiogram Jan 2017 - Dec 2018**

**% Resistance of Gram negative bacteria in Routine samples**

Organisms	AMP	AMC	CRO	CFM	FEP	TZP	CAZ	CIP	SCF	SXT	FOS	E	IPM/M EM	AK	TOB	PB	C
E.coli ,513	NT	75	78	80	65	61	NT	80	14	90	7	NT	9	13	19	0	NT
Klebsiella pneumoniae,229	NT	65	64	69	63	59	NT	78	28	90	6	NT	23	25	31	0	NT
Acinetobacter spp. 100	NT	NT	89	NT	88	74	65	90	38	90	NT	NT	75	87	88	0	NT
Pseudomonas aeruginosa,481	NT	NT	NT	NT	17	16	18	30	NT	NT	NT	NT	11	19	21	0	NT
Moraxella sp, 40	NT	30	0	0	NT	NT	NT	36	NT	68	NT	27	NT	NT	NT	NT	NT
Enterobacter sp, 42	NT	73	70	70	60	18	NT	50	24	65	15	NT	21	25	27	0	NT
Proteus sp.75	NT	40	35	38	4	12	NT	40	16	50	20	NT	6	20	27	0	NT
Haemophilus influenzae, 3	100	33	0	0	NT	NT	NT	33	NT	NT	100	33	NT	NT	NT	NT	NT
Salmonella typhi, 2	50	NT	50	50	NT	NT	NT	100	NT	50	NT	NT	0	NT	NT	NT	58

Key	
NT	Not Tested
AMP	Ampicillin
AMC	Amoxil-clavulanate
CPM	Cefpirome
CRO	Ceftriaxone
CAZ	Ceftazidime
CFM	Cefixime
TZP	Piperacillin/Tazobactam
SCF	Cefoperazone+Salbactam
IPM/MEM	Imipenem/Meropenem
CN	Gentamicin
AK	Amikacin
OFX	Ofloxacin
SXT	Cotrimoxazole
CX	Cloxacillin
LZD	Linezolid
VA	Vancomycin
PIP	Pipemedic acid
F	Nitrofurantoin
NOR	Norfloxacin
C	Chloramphenicol
FD	Fusidic acid
OT	Oxytetracycline
E	Erythromycin
PB	Polymyxin-B
TG	Tigecyclin
NA	Nalidixic acid
DA	Clinamycin

**% Resistance of Gram positive bacteria in Routine samples**

Organisms	FOX	VA	FD	LZD	P	CRO	E	DA	CIP	AK	C	SXT	OT
Staphylococci aureus,1936	65	0	26	0	NT	NT	69	29	39	9	39	88	58
Streptococcus pneumoniae, 13	NT	0	NT	NT	25	NT	55	35	18	NT	NT	59	0
Streptococcus sp.179	NT	0	NT	NT	0	0	38	27	25	NT	0	NT	16
Enterococcus sp.42	NT	12	NT	0	6	NT	NT	NT	63	NT	25	NT	25

**% Resistance of Gram negative bacteria in Blood samples**

Organisms	AMP	AMC	CRO	CFM	TZP	CAZ	SCF	AK	CIP	SXT	FOS	C	IPM/ MEM	PB	AZM
E.coli ,46	NT	70	90	93	35	NT	37	25	68	45	0	NT	4	0	NT
Klebsiella pneumoniae, 58	NT	78	94	98	63	NT	30	48	68	51	0	NT	10	0	NT
Acinetobacter sp, 148	NT	80	96	NT	70	70	19	65	68	60	NT	NT	49	0	NT
Salmonella sp, 219	72	NT	46	46	NT	NT	NT	NT	46	72	NT	57	NT	0	0
Enterobacter sp, 103	NT	88	85	85	67	NT	76	50	67	97	48	NT	60	0	NT
Pseudomonas aeruginosa, 58	NT	NT	NT	NT	14	28	NT	34	45	NT	NT	NT	4	0	NT

### % Resistance of Gram positive bacteria in Blood samples

Organisms	FOX	VA	AK	LZD	CIP	E	DA	FD	SXT	P	CRO	OT	C
Staphylococcus aureus,158	22	0	20	0	50	50	30	33	38	NT	NT	NT	NT
Coagulase neg staph, 48	71	0	24	0	43	57	38	38	48	NT	NT	19	14
Enterococcus sp., 29	NT	30	NT	35	70	87	65	NT	78	9	NT	30	30
Streptococcus spp., 9	NT	0	NT	NT	0	86	54	NT	67	0	50	NT	0

### % Resistance of Gram negative bacteria in Urine samples

Organisms	AMC	CRO	CFM	FEP	TZP	OFX	NOR	NA	PIP	SXT	FOS	F	SCF	CAZ	PB	IPM/ MEM	AK	TOB
E.coli ,3237	64	68	70	63	43	77	79	90	90	90	5	20	17	NT	0	15	17	18
Klebsiella pneumoniae,744	64	62	70	60	49	78	80	90	90	90	14	23	26	NT	0	11	29	31
Acinetobacter sp ,127	NT	89	NT	65	44	87	88	NT	91	90	NT	80	16	65	0	62	64	66
Pseudomonas aeruginosa,181	NT	NT	NT	7	9	67	70	NT	NT	NT	NT	NT	NT	32	0	7	20	23
Enterobacter sp, 41	57	71	71	14	42	68	70	92	92	43	14	29	29	0	0	14	29	29
Proteus sp, 23	33	50	50	15	2	70	72	80	80	83	20	NT	5	NT	NT	0	17	20

### % Resistance of Gram positive bacteria in Urine samples

Organisms	FOX	VA	TE	LZD	P	CRO	OFX	NOR	AK	SXT	F	FOS
Staphylococcus aureus ,151	38	0	68	0	NT	NT	64	83	7	88	8	7
Coagulase negative Staph,26	44	0	20	0	NT	NT	70	73	13	50	0	4
Streptococcus sp.11	NT	0	0	NT	0	0	33	33	NT	NT	20	15
Enterococcus sp,97	NT	16	50	0	0	NT	75	75	NT	NT	33	21

