

The Kidney Centre Post Graduate Training Institute																	
Antibiotic susceptibility report April 2022-December 2022																	
Department of Pathology (Microbiology)																	
In patients(%susceptible GRAM NEGATIVE BACTERIA) (Source: Blood)																	
Organisms	No.	AMC	CXM	CFM	CRO	ERT	IPM	MEM	TZP	CZA	SCF	AK	CN	TOB	CIP	NA*	SXT
<i>E.coli</i>	40	25	3	20	30	89	90	90	54	67	33	90	73	65	0	..	28
<i>Klebsiella spp.</i>	19	26	5	16	27.7	62	84	84	29	100	26	94.7	95	50	5	..	26
<i>Enterobacter spp.</i>	19	..	0	16	21	45	56	56	9	NT	11	74	47.3	56	6	..	37
Organisms	No.	CAZ	MEM	IMP	TZP	CZA	MH	AK	CN	TOB	CIP	SXT	LEV				
<i>Pseudomonas aeruginosa</i>	6	33	33	33	33	..	..	33	33	33	33	..	33				
<i>Acinetobacter spp.</i>	19	58	68	68	57.8	..	100	63	63	58	47	68	53				
<i>Burkholderia cepacia</i>	4	75	75	..	..	..	33	..	..	..	..	0	NT				
<i>Stenotrophomonas maltophilia</i>	15	NT	..	..	..	..	100	..	..	..	..	93	100				
Out patients(%susceptible GRAM NEGATIVE BACTERIA)(Source: Blood)																	
Organisms	No.	AMC	CXM	CFM	CRO	ERT	IPM	MEM	TZP	CZA	SCF	AK	CN	TOB	CIP	NA*	SXT
<i>E.coli</i>	22	24	0	14	18	NT	68	70	39	NT	24	70	55	42	9	..	24
<i>Klebsiella spp.</i>	45	13	0	2	2	33	33	31	17	NT	4	44	40	36	2	..	9
<i>Enterobacter spp.</i>	19	..	0	11	11	NT	47	50	17	NT	11	83	56	31	11	..	28
Organisms	No.	AMP	CFM	CRO	AZM	ERT	MEM	IPM	CIP	SXT	C						
<i>Salmonella enterica ser.Typhi</i>	15	11	20	20	100	NT	100	100	0	7	9						
Organisms	No.	CAZ	MEM	IMP	TZP	CZA	MH	AK	CN	TOB	CIP	SXT	LEV				
<i>Pseudomonas aeruginosa</i>	5	100	100	100	80	100	..	100	100	100	60	..	80				
<i>Acinetobacter spp.</i>	26	20	28	23	27	..	86	23	39	38	23	35	27				
<i>Burkholderia cepacia</i>	6	67	33	..	..	..	100	..	..	..	..	50	NT				
In patients(%susceptible GRAM POSITIVE BACTERIA)(Source: Blood)																	
Organisms	No.	FOX	AMP	CN	CIP	DA	E	VAN	DO	FD	SXT	LZD	TE				
<i>Staphylococcus aureus</i>	78	45	..	62	28	79	47	100	NT	87	92	NT	61				
<i>Staphylococcus spp.</i>	103	15	..	61	41	59	16	0	NT	24	44	NT	67				
<i>Enterococcus spp.</i>	16	..	33	..	..	..	..	38	50	..	..	100	NT				
Organisms	No.	P	AMP	CXM	CRO	DA	E	VAN	DO	LEV	SXT	CEC	TE				
<i>Streptococcus pneumoniae</i>	4	100	100	100	100	50	25	100	NT	100	33	0	0				
<i>Streptococcus spp.</i>	10	NT	50	..	70	57	22	100	..	50	..	..	56				
Out patients(%susceptible GRAM POSITIVE BACTERIA)(Source: Blood)																	
Organisms	No.	FOX	AMP	CN	CIP	DA	E	VAN	DO	FD	SXT	LZD	TE				
<i>Staphylococcus aureus</i>	10	0	..	30	0	50	20	100	NT	60	80	NT	40				
<i>Staphylococcus spp.</i>	139	4	..	46	17	44	4	0	NT	20	24	NT	46				
<i>Enterococcus spp.</i>	11	..	36	..	..	..	..	60	100	..	..	100	..				
In patients(%susceptible GRAM NEGATIVE BACTERIA) (Source: Urine)																	
Organisms	No.	AMC	CXM	CFM	CRO	ERT	IPM	MEM	TZP	CZA	SCF	AK	CN	TOB	CIP	NA*	SXT
<i>E.coli</i>	388	35	7	20	26	83	87	89	46	NT	29	88	71	51	13	7	33
<i>Klebsiella spp.</i>	83	34	8	22	37	73	78	78	21	NT	14	76	66	NT	24	18	45
<i>Enterobacter spp.</i>	5	..	0	20	40	67	100	100	33	NT	40	80	100	NT	0	0	40
<i>Serratia spp.</i>	8	..	..	13	25	38	38	57	25	NT	25	38	25	0	25	25	25
<i>Proteus mirabilis</i>	17	71	41	44	53	100	..	100	100	0	90	70	65	33	23	18	23
Organisms	No.	CAZ	MEM	IMP	TZP	CZA	MH	AK	CN	TOB	CIP	SXT	LEV				
<i>Pseudomonas aeruginosa</i>	85	45	36	42	50	NT	..	43	53	42	32	..	29				

<i>Burkholderia cepacia</i>	13	69	69		..	..	61	..	..		..	85	NT				
<i>Stenotrophomonas maltophilia</i>	7	NT	..	..	..	..	100	..	..		..	43	28				
Out patients(%susceptible GRAM NEGATIVE BACTERIA)(Source: Urine)																	
Organisms	No.	AMC	CXM	CFM	CRO	ERT	IPM	MEM	TZP	CZA	SCF	AK	CN	TOB	CIP	NA*	SXT
<i>E.coli</i>	778	35	6	18	23	85	88	87	46	NT	26	86	69	54	11	5	30
<i>Klebsiella spp.</i>	206	32	11	30	37	59	67	65	20	NT	16	70	65	45	29	23	45
<i>Enterobacter spp.</i>	17	..	0	0	47	67	88	88	40	NT	35	88	65	NT	35	29	71
<i>Serratia spp.</i>	23	..	..	14	35	NT	61	62	52	NT	41	61	57	NT	43	43	48
<i>Proteus mirabilis</i>	37	70	27	25	40	100	..	100	96	0	72	62	49	17	13	8	11
Organisms	No.	AMP	CFM	CRO	AZM	ERT	MEM	IPM	CIP	SXT	C						
<i>Salmonella enterica ser.Typhi</i>	5	40	40	40	100	NT	100	0	0	40	0						
Organisms	No.	CAZ	MEM	IMP	TZP	CZA	MH	AK	CN	TOB	CIP	SXT	LEV				
<i>Pseudomonas aeruginosa</i>	153	66	55	58	69	NT	..	61	58	56	41	..	42				
<i>Acinetobacter spp.</i>	21	60	72	76	71	..	93	80	90	93	67	80	71				
<i>Burkholderia cepacia</i>	28	81	78	..	..	..	74	..	..	..	..	89	NT				
<i>Stenotrophomonas maltophilia</i>	4	NT	..	..	..	..	100	..	..	..	..	100	75				
In patients(%susceptible, GRAM POSITIVE BACTERIA)(Source: Urine)																	
Organisms	No.	FOX	AMP	CN	CIP	DA	E	VAN	DO	FD	SXT	LZD	TE	FOT	F*		
<i>Staphylococcus aureus</i>	15	47	..	73	40	..	..	100	..	..	93	NT	50	..	100		
<i>Enterococcus spp.</i>	82	..	63	..	15	..	..	76	..	..	..	100	22	84	77		
Organisms	No.	P	AMP	CXM	CRO	DA	E	VAN	DO	LEV	SXT	CEC	TE				
<i>Streptococcus spp.</i>	15	NT	100	..	100	..	..	100	..	27	..	..	14				
Out patients(%susceptible, GRAM POSITIVE BACTERIA)(Source: Urine)																	
Organisms	No.	FOX	AMP	CN	CIP	DA	E	VAN	DO	FD	SXT	LZD	TE	FOT	F*		
<i>Staphylococcus aureus</i>	37	32	..	57	16	..	..	100	..	..	89	NT	77	..	100		
<i>Enterococcus spp.</i>	121	..	61	..	12	..	..	63	..	..	..	95	19	77	79		
Organisms	No.	P	AMP	CXM	CRO	DA	E	VAN	DO	LEV	SXT	CEC	TE				
<i>Beta hemolytic Streptococci</i>	4	100	..	..	100	..	..	100	..	75	..	..	25				
<i>Streptococcus spp.</i>	61	NT	89	..	98	..	..	100	..	52	..	..	33				
In patients(%susceptible GRAM NEGATIVE BACTERIA) (Source: Other samples)																	
Organisms	No.	AMC	CXM	CFM	CRO	ERT	IPM	MEM	TZP	CZA	SCF	AK	CN	TOB	CIP	NA*	SXT
<i>E.coli</i>	8	13	13	25	50	100	100	100	83	NT	50	100	75	1	12.5	..	62
<i>Klebsiella spp.</i>	3	33	33	33	33	100	100	100	0	NT	0	100	100	100	33	..	67
Organisms	No.	CAZ	MEM	IMP	TZP	CZA	MH	AK	CN	TOB	CIP	SXT	LEV				
<i>Pseudomonas aeruginosa</i>	7	100	100	86	100	NT	..	86	86	86	71	..	71				
Out patients(%susceptible GRAM NEGATIVE BACTERIA) (Source: Other samples)																	
Organisms	No.	AMC	CXM	CFM	CRO	ERT	IPM	MEM	TZP	CZA	SCF	AK	CN	TOB	CIP	NA*	SXT
<i>E.coli</i>	16	19	0	12	12	NT	69	71	40	0	12	87	56	40	12		12
<i>Klebsiella spp.</i>	5	20	60	40	60	100	100	100	67	0	40	100	100	1	60		60
<i>Proteus mirabilis</i>	3	100	0	0	0	NT	..	100	100	NT	100	67	67	0	33	..	33
Organisms	No.	CAZ	MEM	IMP	TZP	CZA	MH	AK	CN	TOB	CIP	SXT	LEV				
<i>Pseudomonas aeruginosa</i>	45	73	72	75	73	0	..	75	73	71	69		60				
<i>Acinetobacter spp.</i>	3	0	0	0	0	0	100	0	0	0	0	0	0				
In patients(%susceptible GRAM POSITIVE BACTERIA) (Source: Other samples)																	
Organisms	No.	FOX	AMP	CN	CIP	DA	E	VAN	DO	FD	SXT	LZD	TE				
<i>Staphylococcus aureus</i>	12	15	..	67	25	82	42	100	..	82	92	NT	92				

<i>Enterococcus spp.</i>	4	..	75	..	..	..	0	100	0	..	..	0	0				
Organisms	No.	P	AMP	CXM	CRO	DA	E	VAN	DO	LEV	SXT	CEC	TE				
Out patients(%susceptible GRAM POSITIVE BACTERIA) (Source: Other samples)																	
Organisms	No.	FOX	AMP	CN	CIP	DA	E	VAN	DO	FD	SXT	LZD	TE				
<i>Staphylococcus aureus</i>	79	14	..	58	17	64	25	100	..	64	85	NT	62				
<i>Enterococcus spp.</i>	6	..	17	..	..	..	0	80	0	..	..	100					
Organisms	No.	P	AMP	CXM	CRO	DA	E	VAN	DO	LEV	SXT	CEC	TE				
<i>Beta hemolytic Streptococci</i>	10	100	..	..	100	60	60	100	..	100	..	..	50				
<i>Streptococcus spp.</i>	4	NT	75	..	75	25	25	100	..	50	..	..	50				

Abbreviations

AK	Amikacin
AMC	Amoxicillin-clavulanate
AMP	Ampicillin
C	Chloramphenicol
CAZ	Ceftazidime
CFM	Cefixime
CIP	Ciprofloxacin
NA*	Nalidixic acid
CN	Gentamicin
CRO	Ceftriaxone
CXM	Cefuroxime
CEC	Cefaclor
DA	Clindamycin
DO	Doxycycline
E	Erythromycin
FD	Fusidic Acid
IPM	Imipenem
LEV	Levofloxacin
MEM	Meropenem
ERT	Ertapenem
FOT	Fosfomicin
F*	Nitrofurantoin
FOX	Cefoxitin(Methicillin)
SCF	Cefoperazone-sulbactam
SXT	Trimethoprim-sulfamethoxazole
TOB	Tobramycin
TZP	Piperacillin-tazobactam
CZA	Ceftazidime-avibactam
VA	Vancomycin
LZD	Linezolid
AZM	Azithromycin
*	Tested only for urinary isolates
NT	Not tested

Note: Less than 30 isolates in any category may show less statistical significance.

