KING ABDULAZIZ MEDICAL CITY-RIYADH
MINISTRY OF NATIONAL GUARD HEALTH AFFAIRS
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MICROBIOLOGY SECTION

ANTIBIOGRAM REPORT FOR THE YEAR 2023 - KASCH BUILDING

Total Number of Isolates Tested Relative to the Percentage of Susceptibility Results

ORGANISMS	TOTAL # OF ISOL TESTED	AMIKACIN	AMPICILLIN	CEFAZOLIN	CEFEPIME	CEFTAZIDIME	CEFTRIAXONE	CIPROFLOXACIN	GENTAMICIN	IMIPENEM	MEROPENEM	*NITROFURANTOIN	PIP/TAZO	TRIMETH/SULFA	**COLISTIN BMD	**TIGECYCLINE	**CAZ/AVI	**CEFTO/TAZO
		S	S	S	S	S	S	S	S	S	S	S	S	S	I	S	S	S
Escherichia coli	1192	96	0	49	70	62	58	34	89	99	99	95	89	45	-	94	92	53
Enterobacter sp	86	99	-	-	-	-	-	88	100	96	100	68	72	93	-	100	100	33
Klebsiella sp	669	88	-	44	63	-	52	47	86	84	85	34	70	55	85	37	83	17
Proteus sp	63	91	0	-	-	-	85	72	82	34	100	-	99	54	-	-	-	-
Morganella sp	8	100	-	-	-	-	-	78	100	25	100	0	63	67	-	-	-	-
Citrobacter sp	36	100	-	-	-	-	-	71	97	100	100	97	87	82	-	-	-	-
Serratia sp	32	97	-	-	-	-	-	92	100	91	95	0	-	97	-	-	-	-
Salmonella sp	130	-	10	-	-	-	93	51	93	100	100	63	98	84	-	-	-	-
Shigella sp	2	-	0	-	-	-	50	0	100	100	100	100	100	50	-	-	-	-
Pseudomonas sp	488	95	-	-	75	77	-	84	89	74	72	-	64	40	88	-	-	-
Acinetobacter sp	54	72	-	-	68	64	14	67	84	59	61	-	53	81	100	0	0	0
S. maltophilia	71	-	-	-	-	38	-	-	-	-	-	-	-	91	-	-	-	-

ORGANISMS	TOTAL # OF ISOL TESTED	AMPICILLIN	CEFAZOLIN	CEFOTAXIME	CEFTRIAXONE	CIPROFLOXACIN	CLINDAMYCIN	OXACILLIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	MEROPENEM	MOXIFLOXACIN	PENICILLIN	TRIMETH/SULFA	VANCOMYCIN
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
MSSA (S. aureus)	480	-	-	-	-	-	91	99	58	99	100	-	-	-	92	100
MRSA	283	-	-	-	-	-	76	0	69	80	100	-	-	-	80	100
Coag-neg Staph	109	-	-	-	-	-	56	24	22	70	100	-	-	-	89	100
Enterococcus sp	261	39	-	-	-	33	-	-	-	-	99	-	-	-	-	61
S. pneumoniae	51	-	-	96	95	-	-	-	30	-	-	0	98	93	-	
S. pyogenes	15	100	-	100	-	-	73	-	-	-	-	-	-	88	-	-
S. viridans	47	-	-	63	-	-	-	-	-	-	-	-	-	30	-	100

ORGANISMS	TOTAL # OF ISOL TESTED	FLUCYTOSINE	VORICONAZOLE	AMPHOTERICIN B	CASPOFUNGIN	MICAFUNGIN	FLUCONAZOLE
		S	S	S	S	S	S
C. parapsilosis	12	100	100	85	100	100	62
C. glabrata	10	100	100	89	44	100	0
C. auris	9	0	0	89	0	100	0
C. tropicalis	10	90	100	100	100	100	100
C. albicans	16	100	100	100	100	100	100
C. kefyr	3	100	100	0	0	0	0

LEGEND:

S SENSITIVE

\- Not Tested/ Not Reported
* Done on Urine Isolates Only
** Done on Multi-drug Resistant Organisms

NOTE:
Yeast susceptibility is performed only on sterile samples.

Prepared by: Ghaida Almomen
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KING ABDULAZIZ MEDICAL CITY-RIYADH
MINISTRY OF NATIONAL GUARD HEALTH AFFAIRS
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MICROBIOLOGY SECTION

ANTIBIOGRAM REPORT FOR THE YEAR 2023 - EMERGENCY DEPARTMENT

Total Number of Isolates Tested Relative to the Percentage of Susceptibility Results

ORGANISMS	TOTAL # OF ISOL TESTED	AMIKACIN	AMPICILLIN	CEFAZOLIN	CEFEPIME	CEFTAZIDIME	CEFTRIAXONE	CIPROFLOXACIN	GENTAMICIN	IMIPENEM	MEROPENEM	*NITROFURANTOIN	PIP/TAZO	TRIMETH/SULFA	**COLISTIN BMD	**TIGECYCLINE	**CAZ/AVI	**CEFTO/TAZO
		S	S	S	S	S	S	S	S	S	S	S	S	S	I	S	S	S
Escherichia coli	2484	98	1	56	74	67	63	38	89	100	100	97	93	57	-	100	94	79
Enterobacter sp	100	100	-	-	-	-	-	86	97	100	100	65	78	96	100	71	86	71
Klebsiella sp	939	91	-	57	73	64	63	56	89	89	91	38	82	68	100	48	84	24
Proteus sp	137	94	0	-	-	-	83	72	74	44	100	-	96	60	-	-	-	-
Morganella sp	21	100	-	-	-	-	-	59	86	14	100	0	86	64	-	-	-	-
Citrobacter sp	55	100	-	-	-	-	-	84	100	100	100	93	95	91	-	-	-	-
Serratia sp	37	100	-	-	-	-	-	93	100	100	100	0	-	98	-	-	-	-
Salmonella sp	93	-	11	-	-	-	96	62	95	100	100	65	100	88	-	-	-	-
Shigella sp	3	-	0	0	-	-	33	33	100	100	100	100	100	67	-	-	-	-
Pseudomonas sp	398	98	-	-	91	91	-	84	97	87	88	-	84	67	-	-	-	-
Acinetobacter sp	33	79	-	-	71	74	14	74	82	76	76	-	72	85	100	0	0	0
S. maltophilia	10	-	-	-	-	0	-	-	-	-	-	-	-	100	-	-	-	-

ORGANISMS	TOTAL # OF ISOL TESTED	AMPICILLIN	CEFAZOLIN	CEFOTAXIME	CEFTRIAXONE	CIPROFLOXACIN	CLINDAMYCIN	OXACILLIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	MEROPENEM	MOXIFLOXACIN	PENICILLIN	TRIMETH/SULFA	VANCOMYCIN
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
MSSA (S. aureus)	473	-	-	-	-	-	94	99	61	99	100	-	-	-	92	100
MRSA	248	-	-	-	-	-	79	0	65	78	100	-	-	-	84	100
Coag-neg Staph	329	-	-	-	-	-	58	30	26	76	100	-	-	-	91	100
Enterococcus sp	245	76	-	-	-	56	-	-	-	-	98	-	-	-	-	86
S. pneumoniae	58	-	-	94	94	-	-	-	32	-	-	0	98	90	-	100
S. pyogenes	27	100	-	100	-	-	76	-	-	-	-	-	-	100	-	-
S. viridans	54	-	-	79	-	-	-	-	-	-	-	-	-	50	-	100

ORGANISMS	TOTAL # OF ISOL TESTED	FLUCYTOSINE	VORICONAZOLE	AMPHOTERICIN B	CASPOFUNGIN	MICAFUNGIN	FLUCONAZOLE
		S	S	S	S	S	S
C. parapsilosis	1	100	100	100	100	100	100
C. glabrata	3	100	100	100	100	100	0
C. auris	1	0	0	100	0	100	0
C. tropicalis	2	100	100	100	100	100	100
C. albicans	4	100	100	100	100	100	100

LEGEND:

S SENSITIVE

\- Not Tested/ Not Reported
* Done on Urine Isolates Only
** Done on Multi-drug Resistant Organisms

NOTE:
Yeast susceptibility is performed only on sterile samples.

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KING ABDULAZIZ MEDICAL CITY-RIYADH
MINISTRY OF NATIONAL GUARD HEALTH AFFAIRS
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MICROBIOLOGY SECTION

ANTIBIOGRAM REPORT FOR THE YEAR 2023 - OUTPATIENT DEPARTMENT

Total Number of Isolates Tested Relative to the Percentage of Susceptibility Results

ORGANISMS	TOTAL # OF ISOL TESTED	AMIKACIN	AMPICILLIN	CEFAZOLIN	CEFEPIME	CEFTAZIDIME	CEFTRIAXONE	CIPROFLOXACIN	GENTAMICIN	IMIPENEM	MEROPENEM	*NITROFURANTOIN	PIP/TAZO	TRIMETH/SULFA	**COLISTIN BMD	**TIGECYCLINE	**CAZ/AVI	**CEFTO/TAZO
		S	S	S	S	S	S	S	S	S	S	S	S	S	I	S	S	S
Escherichia coli	1446	99	0	68	86	79	76	46	93	100	100	96	96	65	-	-	-	-
Enterobacter sp	39	100	-	-	-	-	-	93	100	100	100	59	90	95	-	-	-	-
Klebsiella sp	433	100	-	77	93	-	88	81	95	99	100	49	92	86	-	-	-	-
Proteus sp	23	100	0	-	-	-	100	91	87	61	100	-	100	64	-	-	-	-
Morganella sp	1	100	-	-	-	-	-	0	100	0	100	0	100	0	-	-	-	-
Citrobacter sp	24	100	-	-	-	-	-	92	96	100	100	92	100	100	-	-	-	-
Serratia sp	13	100	-	-	-	-	-	92	100	100	100	0	-	92	-	-	-	-
Salmonella sp	10	-	0	-	-	-	100	50	100	100	100	90	100	90	-	-	-	-
Shigella sp	1	-		-	-	-	100	0	100	100	100	100	100	0	-	-	-	-
Pseudomonas sp	81	100	-	-	95	98	-	94	100	99	96	-	92	100	-	-	-	-
Acinetobacter sp	8	88	-	-	100	100	0	100	100	100	100	-	100	100	-	-	-	-
S. maltophilia	1	-	-	-	-	0	-	-	-	-	-	-	-	100	-	-	-	-

ORGANISMS	TOTAL # OF ISOL TESTED	AMPICILLIN	CEFAZOLIN	CEFOTAXIME	CEFTRIAXONE	CIPROFLOXACIN	CLINDAMYCIN	OXACILLIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	MEROPENEM	MOXIFLOXACIN	PENICILLIN	TRIMETH/SULFA	VANCOMYCIN
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
MSSA (S. aureus)	113	-	-	-	-	-	98	100	66	98	100	-	-	-	98	100
MRSA	33	-	-	-	-	-	94	0	86	86	100	-	-	-	94	100
Coag-neg Staph	25	-	-	-	-	-	81	33	52	56	100	-	-	-	89	100
Enterococcus sp	75	99	-	-	-	83	-	-	-	-	99	-	-	-	-	100
S. pneumoniae	1	-	-	100	100	-	-	-	100	-	-	-	100	100	-	100
S. pyogenes	0	0	-	0	-	-	0	-	-	-	-	-	-	0	-	-
S. viridans	0	-	-	0	-	-	-	-	-	-	-	-	-	0	-	0

ORGANISMS	TOTAL # OF ISOL TESTED	FLUCYTOSINE	VORICONAZOLE	AMPHOTERICIN B	CASPOFUNGIN	MICAFUNGIN	FLUCONAZOLE
		S	S	S	S	S	S
C. parapsilosis	0	0	0	0	0	0	0
C. glabrata	0	0	0	0	0	0	0
C. auris	0	0	0	0	0	0	0
C. albicans	0	0	0	0	0	0	0
Candida sp	0	0	0	0	0	0	0

LEGEND:

S SENSITIVE

- Not Tested/ Not Reported
* Done on Urine Isolates Only
** Done on Multi-drug Resistant Organisms

NOTE:
Yeast susceptibility is performed only on sterile samples.

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KING ABDULAZIZ MEDICAL CITY-RIYADH
MINISTRY OF NATIONAL GUARD HEALTH AFFAIRS
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MICROBIOLOGY SECTION

ANTIBIOGRAM REPORT FOR THE YEAR 2023 - PEDIATRIC ONCOLOGY DEPARTMENT

Total Number of Isolates Tested Relative to the Percentage of Susceptibility Results

ORGANISMS	TOTAL # OF ISOL TESTED	AMIKACIN	AMPICILLIN	CEFAZOLIN	CEFEPIME	CEFTAZIDIME	CEFTRIAXONE	CIPROFLOXACIN	GENTAMICIN	IMIPENEM	MEROPENEM	*NITROFURANTOIN	PIP/TAZO	TRIMETH/SULFA	**COLISTIN BMD	**TIGECYCLINE	**CAZ/AVI	**CEFTO/TAZO
		S	S	S	S	S	S	S	S	S	S	S	S	S	I	S	S	S
Escherichia coli	23	93	0	4	29	32	18	7	82	100	93	100	82	36	-	-	-	-
Enterobacter sp	3	100	-	-	-	-	-	100	100	100	100	100	100	67	-	-	-	-
Klebsiella sp	6	100	0	33	100	89	44	44	100	100	100	67	89	89	-	-	-	-
Proteus sp	2	50	-	-	-	-	50	0	0	50	100	-	100	0	-	-	-	-
Morganella sp	0	-	-	-	-	-	-	0	0	0	0	0	0	0	-	-	-	-
Citrobacter sp	1	100	-	-	-	-	-	0	100	100	100	100	100	0	-	-	-	-
Serratia sp	4	100	-	-	-	-	-	75	100	75	75	0	-	100	-	-	-	-
Salmonella sp	4	-		-	-	-	75	25	75	100	100	25	100	75	-	-	-	-
Shigella sp	0	0	-	-	-	-	0	0	0	0	0	0	0	0	-	-	-	-
Pseudomonas sp	9	100	-	-	62	69	-	77	100	27	31	-	38	0	-	-	-	-
Acinetobacter sp	3	100	-	-	100	100	-	100	100	100	100	-	67	100	-	-	-	-
S. maltophilia	0	-	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-

ORGANISMS	TOTAL # OF ISOL TESTED	AMPICILLIN	CEFAZOLIN	CEFOTAXIME	CEFTRIAXONE	CIPROFLOXACIN	CLINDAMYCIN	OXACILLIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	MEROPENEM	MOXIFLOXACIN	PENICILLIN	TRIMETH/SULFA	VANCOMYCIN
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
MSSA (S. aureus)	7	-	-	-	-	-	100	100	75	100	100	-	-	-	75	100
MRSA	13	-	-	-	-	-	73	0	73	80	100	-	-	-	73	100
Coag-neg Staph	3	-	-	-	-	-	67	33	33	100	100	-	-	-	100	100
Enterococcus sp	3	100	-	-	-	67	-	-	-	-	100	-	-	-	-	67
S. pneumoniae	0	-	-	0	0	-	-	-	0	-	-	-	0	0	-	0
S. pyogenes	0	0	-	0	-	-	0	-	-	-	-	-	-	0	-	-
S. viridans	9	-	-	62	-	-	-	-	-	-	-	-	-	25	-	100

ORGANISMS	TOTAL # OF ISOL TESTED	FLUCYTOSINE	VORICONAZOLE	AMPHOTERICIN B	CASPOFUNGIN	MICAFUNGIN	FLUCONAZOLE
		S	S	S	S	S	S
C. tropicalis	2	100	100	100	100	100	100

LEGEND:

S SENSITIVE

\- Not Tested/ Not Reported
* Done on Urine Isolates Only
** Done on Multi-drug Resistant Organisms

NOTE:
Yeast susceptibility is performed only on sterile samples.

Prepared by: Ghaida Almomen
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KING ABDULAZIZ MEDICAL CITY-RIYADH
MINISTRY OF NATIONAL GUARD HEALTH AFFAIRS
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MICROBIOLOGY SECTION

ANTIBIOGRAM REPORT FOR THE YEAR 2023 - ADULT ONCOLOGY DEPARTMENT

Total Number of Isolates Tested Relative to the Percentage of Susceptibility Results

ORGANISMS	TOTAL # OF ISOL TESTED	AMIKACIN	AMPICILLIN	CEFAZOLIN	CEFEPIME	CEFTAZIDIME	CEFTRIAXONE	CIPROFLOXACIN	GENTAMICIN	IMIPENEM	MEROPENEM	*NITROFURANTOIN	PIP/TAZO	TRIMETH/SULFA	**COLISTIN BMD	**TIGECYCLINE	**CAZ/AVI	**CEFTO/TAZO
		S	S	S	S	S	S	S	S	S	S	S	S	S	I	S	S	S
Escherichia coli	108	94	2	40	69	51	52	22	85	96	99	94	83	32	-	100	95	40
Enterobacter sp	12	92	-	-	-	-	-	82	100	89	92	67	67	92	-	-	-	-
Klebsiella sp	77	82	-	36	67	-	54	49	84	80	81	34	54	62	100	0	100	17
Proteus sp	4	100	0	-	-	-	100	71	86	33	100	-	100	67	-	-	-	-
Morganella sp	0	0	-	-	-	-	-	0	0	0	0	0	0	0	-	-	-	-
Citrobacter sp	4	100	-	-	-	-	-	50	100	100	100	75	100	100	-	-	-	-
Serratia sp	6	100	-	-	-	-	-	100	100	75	100	0	-	100	-	-	-	-
Salmonella sp	2	-	0	-	-	-	100	50	100	100	100	50	100	100	-	-	-	-
Shigella sp	1	-	0	-	-	-	100	0	100	100	100	100	100	0	-	-	-	-
Pseudomonas sp	56	95	-	-	82	82	-	69	85	75	69	-	56	50	-	-	-	-
Acinetobacter sp	11	71	-	-	71	62	-	71	77	46	50	-	57	85	-	-	-	-
S. maltophilia	14	-	-	-	-	33	-	-	-	-	-	-	-	82	-	-	-	-

ORGANISMS	TOTAL # OF ISOL TESTED	AMPICILLIN	CEFAZOLIN	CEFOTAXIME	CEFTRIAXONE	CIPROFLOXACIN	CLINDAMYCIN	OXACILLIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	MEROPENEM	MOXIFLOXACIN	PENICILLIN	TRIMETH/SULFA	VANCOMYCIN
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
MSSA (S. aureus)	20	-	-	-	-	-	80	100	60	100	100	-	-	-	88	100
MRSA	18	-	-	-	-	-	84	0	72	80	100	-	-	-	88	100
Coag-neg Staph	2	-	-	-	-	-	50	0	50	50	100	-	-	-	50	100
Enterococcus sp	42	26	-	-	-	20	-	-	-	-	100	-	-	-	-	62
S. pneumoniae	1	-	-	100	100	-	-	-	0	-	-	-	100	100	-	100
S. pyogenes	0	0	-	0	-	-	0	-	-	-	-	-	-	0	-	-
S. viridans	0	-	-	0	-	-	-	-	-	-	-	-	-	0	-	0

ORGANISMS	TOTAL # OF ISOL TESTED	FLUCYTOSINE	VORICONAZOLE	AMPHOTERICIN B	CASPOFUNGIN	MICAFUNGIN	FLUCONAZOLE
		S	S	S	S	S	S
C. parapsilosis	4	100	100	80	100	100	80
C. glabrata	5	100	100	100	0	0	0
C. auris	3	0	0	67	0	100	0
C. tropicalis	1	0	0	0	0	0	0
C. albicans	3	100	100	100	100	100	100

LEGEND:

S SENSITIVE

\- Not Tested/ Not Reported
* Done on Urine Isolates Only
** Done on Multi-drug Resistant Organisms

NOTE:
Yeast susceptibility is performed only on sterile samples.

Prepared by: Ghaida Almomen
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DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MICROBIOLOGY SECTION

ANTIBIOGRAM REPORT FOR THE YEAR 2023 - PEDIATRIC DEPARTMENT (ICU AND NON-ICU LOCATIONS)

Total Number of Isolates Tested Relative to the Percentage of Susceptibility Results

ORGANISMS	TOTAL # OF ISOL TESTED	AMIKACIN	AMPICILLIN	CEFAZOLIN	CEFEPIME	CEFTAZIDIME	CEFTRIAXONE	CIPROFLOXACIN	GENTAMICIN	IMIPENEM	MEROPENEM	*NITROFURANTOIN	PIP/TAZO	TRIMETH/SULFA	**COLISTIN BMD	**TIGECYCLINE	**CAZ/AVI	**CEFTO/TAZO
		S	S	S	S	S	S	S	S	S	S	S	S	S	I	S	S	S
Escherichia coli	945	97	0	51	71	65	60	37	90	100	100	96	91	52	-	100	89	-
Enterobacter sp	80	99	-	-	-	-	-	92	91	97	100	70	67	89	-	100	100	-
Klebsiella sp	381	97	-	53	72	-	60	55	60	98	99	45	85	68	-	77	100	29
Proteus sp	57	94	0	-	-	-	85	73	74	35	100	-	100	60	-	-	-	-
Morganella sp	4	100	-	-	-	-	-	80	100	20	100	0	80	60	-	-	-	-
Citrobacter sp	19	100	-	-	-	-	-	65	95	100	100	95	95	85	-	-	-	-
Serratia sp	27	100	-	-	-	-	-	90	100	93	93	0	-	97	-	-	-	-
Salmonella sp	110	-	13	-	-	-	95	56	95	100	100	61	100	84	-	-	-	-
Shigella sp	1	-	0	-	-	-	0	0	100	100	100	100	100	100	-	-	-	-
Pseudomonas sp	377	99	-	-	82	83	-	91	95	81	80	-	73	46	100	-	96	97
Acinetobacter sp	36	80	-	-	82	80	17	83	98	82	83	-	73	85	-	0	-	-
S. maltophilia	31	-	-	-	-	29	-	-	-	-	-	-	-	100	-	-	-	-

ORGANISMS	TOTAL # OF ISOL TESTED	AMPICILLIN	CEFAZOLIN	CEFOTAXIME	CEFTRIAXONE	CIPROFLOXACIN	CLINDAMYCIN	OXACILLIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	MEROPENEM	MOXIFLOXACIN	PENICILLIN	TRIMETH/SULFA	VANCOMYCIN
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
MSSA (S. aureus)	446	-	-	-	-	-	91	99	56	99	100	-	-	-	92	100
MRSA	271	-	-	-	-	-	74	0	69	80	100	-	-	-	80	100
Coag-neg Staph	97	-	-	-	-	-	57	22	20	70	100	-	-	-	91	100
Enterococcus sp	105	73	-	-	-	64	-	-	-	-	100	-	-	-	-	81
S. pneumoniae	48	-	-	96	94	-	-	-	32	-	-	0	98	94	-	100
S. pyogenes	14	100	-	100	-	-	71	-	-	-	-	-	-	87	-	-
S. viridans	40	-	-	58	-	-	-	-	-	-	-	-	-	29	-	100

ORGANISMS	TOTAL # OF ISOL TESTED	FLUCYTOSINE	VORICONAZOLE	AMPHOTERICIN B	CASPOFUNGIN	MICAFUNGIN	FLUCONAZOLE
		S	S	S	S	S	S
C. parapsilosis	11	100	100	92	100	100	75
C. tropicalis	10	91	100	100	100	100	100
C. albicans	11	100	100	100	100	100	100
C. lusitaniae	4	100	100	100	0	0	0

LEGEND:

S SENSITIVE

\- Not Tested/ Not Reported
* Done on Urine Isolates Only
** Done on Multi-drug Resistant Organisms

NOTE:
Yeast susceptibility is performed only on sterile samples.

Prepared by: Ghaida Almomen
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Reviewed by: Bassam Al Alwan
Supervisor

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Department Head

KING ABDULAZIZ MEDICAL CITY-RIYADH
MINISTRY OF NATIONAL GUARD HEALTH AFFAIRS
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MICROBIOLOGY SECTION

ANTIBIOGRAM REPORT FOR THE YEAR 2023 - ADULT DEPARTMENT (ICU AND NON-ICU LOCATIONS)

Total Number of Isolates Tested Relative to the Percentage of Susceptibility Results

ORGANISMS	TOTAL # OF ISOL TESTED	AMIKACIN	AMPICILLIN	CEFAZOLIN	CEFEPIME	CEFTAZIDIME	CEFTRIAXONE	CIPROFLOXACIN	GENTAMICIN	IMIPENEM	MEROPENEM	*NITROFURANTOIN	PIP/TAZO	TRIMETH/SULFA	**COLISTIN BMD	**TIGECYCLINE	**CAZ/AVI	**CEFTO/TAZO
		S	S	S	S	S	S	S	S	S	S	S	S	S	I	S	S	S
Escherichia coli	5291	98	1	54	73	66	62	35	89	99	99	96	92	55	-	86	100	100
Enterobacter sp	344	98	-	-	-	-	-	79	91	96	95	57	72	90	100	52	71	40
Klebsiella sp	3130	80	-	45	61	-	53	48	81	76	77	34	67	59	79	40	50	0
Proteus sp	301	94	0	-	-	-	82	57	70	41	99	-	95	45	-	-	-	-
Morganella sp	56	100	-	-	-	-	-	48	83	13	100	0	83	49	-	-	-	-
Citrobacter sp	163	99	-	-	-	-	-	80	98	98	98	92	86	90	-	-	-	-
Serratia sp	135	100	-	-	-	-	-	90	99	99	100	0	-	100	-	-	-	-
Salmonella sp	90	-	0	-	-	-	91	56	91	100	100	72	95	88	-	-	-	-
Shigella sp	5	-	0	-	-	-	80	40	100	100	100	100	100	40	-	-	-	-
Pseudomonas sp	2040	92	-	-	70	71	-	73	86	64	64	-	60	39	92	-	33	88
Acinetobacter sp	345	38	-	-	19	18	5	20	43	19	20	-	17	40	87	0	0	17
S. maltophilia	263	-	-	-	-	31	-	-	-	-	-	-	-	86	-	-	-	-

ORGANISMS	TOTAL # OF ISOL TESTED	AMPICILLIN	CEFAZOLIN	CEFOTAXIME	CEFTRIAXONE	CIPROFLOXACIN	CLINDAMYCIN	OXACILLIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	MEROPENEM	MOXIFLOXACIN	PENICILLIN	TRIMETH/SULFA	VANCOMYCIN
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
MSSA (S. aureus)	1251	-	-	-	-	-	93	99	60	99	100	-	-	-	94	100
MRSA	732	-	-	-	-	-	75	0	65	83	99	-	-	-	81	100
Coag-neg Staph	732	-	-	-	-	-	49	25	23	64	100	-	-	-	88	100
Enterococcus sp	913	58	-	-	-	44	-	-	-	-	98	-	-	-	-	71
S. pneumoniae	68	-	-	95	96	-	-	-	38	-	-	0	99	92	-	100
S. pyogenes	20	100	-	100	-	-	88	-	-	-	-	-	-	100	-	-
S. viridans	47	-	-	91	-	-	-	-	-	-	-	-	-	44	-	100

ORGANISMS	TOTAL # OF ISOL TESTED	FLUCYTOSINE	VORICONAZOLE	AMPHOTERICIN B	CASPOFUNGIN	MICAFUNGIN	FLUCONAZOLE
		S	S	S	S	S	S
C. parapsilosis	43	100	98	91	100	100	84
C. glabrata	45	100	90	96	47	100	0
C. auris	75	0	0	96	0	96	0
C. tropicalis	27	100	96	100	100	100	92
C. albicans	35	100	97	100	100	100	97
C. kefyr	3	100	100	0	0	0	0
C. krusei	5	0	100	100	0	80	0
C. dubliniensis	5	40	100	100	0	100	67

LEGEND:

S SENSITIVE

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DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MICROBIOLOGY SECTION

ANTIBIOGRAM REPORT FOR THE YEAR 2023 - ALL HOSPITAL DEPARTMENTS

Total Number of Isolates Tested Relative to the Percentage of Susceptibility Results

ORGANISMS	TOTAL # OF ISOL TESTED	AMIKACIN	AMPICILLIN	CEFAZOLIN	CEFEPIME	CEFTAZIDIME	CEFTRIAXONE	CIPROFLOXACIN	GENTAMICIN	IMIPENEM	MEROPENEM	*NITROFURANTOIN	PIP/TAZO	TRIMETH/SULFA	**COLISTIN MBD	**TIGECYCLINE	**CAZ/AVI	**CEFTO/TAZO
		S	S	S	S	S	S	S	S	S	S	S	S	S	I	S	S	S
Escherichia coli	6221	97	1	53	73	65	61	36	89	99	99	96	91	55	100	100	100	100
Enterobacter sp	437	98	-	-	-	-	-	80	91	96	97	59	71	90	100	55	76	41
Klebsiella sp	3556	82	-	46	62	-	54	49	82	78	80	35	69	60	80	40	52	0
Proteus sp	348	94	0	-	-	-	82	59	71	41	99	-	96	47	-	-	-	-
Morganella sp	61	100	-	-	-	-	-	51	85	14	100	0	80	51	-	-	-	-
Citrobacter sp	184	99	-	-	-	-	-	79	97	98	98	93	87	89	-	-	-	-
Serratia sp	190	100	-	-	-	-	-	90	99	98	99	0	-	99	-	-	-	-
Salmonella sp	200	-	6	-	-	-	93	55	93	100	100	66	98	86	-	-	-	-
Shigella sp	6	-	0	-	-	-	67	33	100	100	100	100	100	50	-	-	-	-
Pseudomonas sp	2432	93	-	-	72	73	-	76	87	67	67	-	62	42	93	-	33	100
Acinetobacter sp	396	42	-	-	25	25	6	26	49	25	26	-	22	44	87	0	0	0
S. maltophilia	298	-	-	-	-	31	-	-	-	-	-	-	-	88	-	-	-	-

ORGANISMS	TOTAL # OF ISOL TESTED	AMPICILLIN	CEFAZOLIN	CEFOTAXIME	CEFTRIAXONE	CIPROFLOXACIN	CLINDAMYCIN	OXACILLIN	ERYTHROMYCIN	GENTAMICIN	LINEZOLID	MEROPENEM	MOXIFLOXACIN	PENICILLIN	TRIMETH/SULFA	VANCOMYCIN
		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
MSSA (S. aureus)	1736	-	-	-	-	-	93	99	59	99	100	-	-	-	93	100
MRSA	1007	-	-	-	-	-	75	0	67	82	100	-	-	-	81	100
Coag-neg Staph	884	-	-	-	-	-	50	25	23	64	100	-	-	-	87	100
Enterococcus sp	1042	59	-	-	-	45	-	-	-	-	98	-	-	-	-	72
S. pneumoniae	117	-	-	95	95	-	-	-	36	-	-	0	98	93	-	100
S. pyogenes	35	100	-	100	-	-	82	-	-	-	-	-	-	95	-	-
S. viridans	87	-	-	78	-	-	-	-	-	-	-	-	-	39	-	100

ORGANISMS	TOTAL # OF ISOL TESTED	FLUCYTOSINE	VORICONAZOLE	AMPHOTERICIN B	CASPOFUNGIN	MICAFUNGIN	FLUCONAZOLE
		S	S	S	S	S	S
C. parapsilosis	54	100	98	91	100	100	80
C. glabrata	47	100	90	96	45	100	0
C. auris	77	0	0	96	0	96	0
C. tropicalis	41	95	98	100	100	100	93
C. albicans	48	100	96	100	100	100	98
C. kefyr	3	100	100	0	0	0	0
C. lusitaniae	5	100	80	100	0	100	0
C. krusei	6	0	100	100	0	83	0
C. dubliniensis	5	50	100	100	100	100	67

LEGEND:

S SENSITIVE

\- Not Tested/ Not Reported
* Done on Urine Isolates Only
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