

Appendix 1

Frequency of samples sent to the laboratory (based on years)

microorganism	year											
	2018		2019		2020		2021		2022		2023	
	N	%	N	%	N	%	N	%	N	%	N	%
coagulase-negative Staphylococcus	5	20.8%	7	9.6%	4	7.8%	6	7.1%	10	14.3%	17	21.3%
<i>P. aeruginosa</i>	2	8.3%	9	12.3%	10	19.6%	19	22.6%	6	8.6%	5	6.3%
<i>K. pneumoniae</i>	9	37.5%	31	42.5%	13	25.5%	21	25.0%	10	14.3%	13	16.3%
<i>S. aureus</i>	1	4.2%	6	8.2%	1	2.0%	10	11.9%	6	8.6%	6	7.5%
<i>E. coli</i>	7	29.2%	9	12.3%	18	35.3%	26	31.0%	29	41.4%	13	16.3%
Other	0	0.0%	11	15.1%	5	9.8%	2	2.4%	9	12.9%	26	32.5%

Antibiotic resistance pattern based on years in various microorganism

Coagulase-negative *Staphylococcus*

		year												P-value
		2018		2019		2020		2021		2022		2023		
		N	%	N	%	N	%	N	%	N	%	N	%	
Ampicillin	sensitive	2	40.0%	1	14.3%	0	0.0%	1	16.7%	0	0.0%	0	0.0%	.388
	intermediate	0	0.0%	1	14.3%	1	25.0%	1	16.7%	2	20.0%	5	29.4%	
	resistant	3	60.0%	5	71.4%	3	75.0%	4	66.7%	8	80.0%	12	70.6%	
Ampicillin-sulbactam	sensitive	0	0.0%	-	-	-	-	-	-	-	-	-	-	---
	intermediate	1	100.0%	-	-	-	-	-	-	-	-	-	-	
	resistant	0	0.0%	-	-	-	-	-	-	-	-	-	-	
Amikacin	sensitive	2	40.0%	3	60.0%	4	100.0%	4	66.7%	7	77.8%	12	70.6%	.151
	intermediate	3	60.0%	0	0.0%	0	0.0%	2	33.3%	1	11.1%	1	5.9%	
	resistant	0	0.0%	2	40.0%	0	0.0%	0	0.0%	1	11.1%	4	23.5%	
Cefazolin	sensitive	1	25.0%	0	0.0%	0	0.0%	0	0.0%	1	25.0%	0	0.0%	.890
	intermediate	3	75.0%	3	60.0%	2	50.0%	3	75.0%	2	50.0%	4	80.0%	
	resistant	0	0.0%	2	40.0%	2	50.0%	1	25.0%	1	25.0%	1	20.0%	
Cefepime	sensitive	0	0.0%	1	16.7%	0	0.0%	4	66.7%	0	0.0%	3	37.5%	.204
	intermediate	4	100.0%	3	50.0%	1	100.0%	2	33.3%	5	83.3%	4	50.0%	
	resistant	0	0.0%	2	33.3%	0	0.0%	0	0.0%	1	16.7%	1	12.5%	
Cefotaxime	sensitive	0	0.0%	0	0.0%	1	33.3%	1	25.0%	0	0.0%	-	-	.848
	intermediate	4	100.0%	3	100.0%	2	66.7%	3	75.0%	1	100.0%	-	-	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	-	-	
Cefoxitin (FOX)	sensitive	0	0.0%	1	14.3%	1	25.0%	2	33.3%	4	57.1%	3	33.3%	.152
	intermediate	5	100.0%	5	71.4%	1	25.0%	4	66.7%	3	42.9%	3	33.3%	
	resistant	0	0.0%	1	14.3%	2	50.0%	0	0.0%	0	0.0%	3	33.3%	
Ceftazidime	sensitive	1	25.0%	2	66.7%	1	50.0%	2	33.3%	0	0.0%	0	0.0%	.007
	intermediate	1	25.0%	1	33.3%	0	0.0%	3	50.0%	3	42.9%	0	0.0%	
	resistant	2	50.0%	0	0.0%	1	50.0%	1	16.7%	4	57.1%	8	100.0%	

Ceftriaxone	sensitive	1	25.0%	0	0.0%	1	25.0%	0	0.0%	0	0.0%	1	11.1%	.885
	intermediate	2	50.0%	2	100.0%	2	50.0%	1	50.0%	2	40.0%	3	33.3%	
	resistant	1	25.0%	0	0.0%	1	25.0%	1	50.0%	3	60.0%	5	55.6%	
Ciprofloxacin	sensitive	1	25.0%	2	28.6%	1	25.0%	1	16.7%	1	10.0%	2	13.3%	.343
	intermediate	2	50.0%	4	57.1%	2	50.0%	3	50.0%	2	20.0%	3	20.0%	
	resistant	1	25.0%	1	14.3%	1	25.0%	2	33.3%	7	70.0%	10	66.7%	
Clindamycin	sensitive	-	-	3	50.0%	1	100.0%	1	25.0%	2	40.0%	4	28.6%	.016
	intermediate	-	-	1	16.7%	0	0.0%	3	75.0%	3	60.0%	1	7.1%	
	resistant	-	-	2	33.3%	0	0.0%	0	0.0%	0	0.0%	9	64.3%	
co-amoxiclav	sensitive	0	0.0%	1	14.3%	0	0.0%	0	0.0%	1	10.0%	2	11.8%	.850
	intermediate	2	40.0%	5	71.4%	1	25.0%	3	50.0%	5	50.0%	7	41.2%	
	resistant	3	60.0%	1	14.3%	3	75.0%	3	50.0%	4	40.0%	8	47.1%	
Colistin	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Erythromycin	sensitive	-	-	2	50.0%	0	0.0%	0	0.0%	2	40.0%	3	20.0%	.182
	intermediate	-	-	1	25.0%	3	100.0%	4	100.0%	3	60.0%	6	40.0%	
	resistant	-	-	1	25.0%	0	0.0%	0	0.0%	0	0.0%	6	40.0%	
Imipenem	sensitive	1	25.0%	3	42.9%	0	0.0%	2	50.0%	1	16.7%	4	44.4%	.864
	intermediate	3	75.0%	4	57.1%	1	100.0%	2	50.0%	4	66.7%	3	33.3%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	16.7%	2	22.2%	
Gentamicin	sensitive	1	25.0%	1	14.3%	2	66.7%	2	33.3%	2	20.0%	5	29.4%	.938
	intermediate	1	25.0%	3	42.9%	1	33.3%	3	50.0%	5	50.0%	7	41.2%	
	resistant	2	50.0%	3	42.9%	0	0.0%	1	16.7%	3	30.0%	5	29.4%	
levofloxacin	sensitive	-	-	-	-	-	-	-	-	0	0.0%	0	0.0%	---
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	0	0.0%	
	resistant	-	-	-	-	-	-	-	-	1	100.0%	1	100.0%	
Linezolid	sensitive	4	80.0%	4	66.7%	2	66.7%	4	66.7%	8	88.9%	13	81.3%	.472
	intermediate	1	20.0%	2	33.3%	1	33.3%	2	33.3%	0	0.0%	1	6.3%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	11.1%	2	12.5%	
Meropenem	sensitive	1	33.3%	1	20.0%	0	0.0%	1	25.0%	2	22.2%	1	16.7%	.828

	intermediate	2	66.7%	4	80.0%	1	100.0%	3	75.0%	7	77.8%	3	50.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	33.3%	
Nalidixic Acid	sensitive	0	0.0%	-	-	-	-	0	0.0%	0	0.0%	-	-	---
	intermediate	1	100.0%	-	-	-	-	1	100.0%	1	100.0%	-	-	
	resistant	0	0.0%	-	-	-	-	0	0.0%	0	0.0%	-	-	
Nitrofurantoin	sensitive	0	0.0%	-	-	-	-	1	100.0%	1	100.0%	0	0.0%	1.00
	intermediate	1	100.0%	-	-	-	-	0	0.0%	0	0.0%	0	0.0%	
	resistant	0	0.0%	-	-	-	-	0	0.0%	0	0.0%	1	100.0%	
Oxacilin	sensitive	-	-	-	-	-	-	-	-	1	100.0%	5	31.3%	.529
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	8	50.0%	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	3	18.8%	
Penicillin	sensitive	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	.980
	intermediate	3	60.0%	3	60.0%	2	50.0%	2	40.0%	4	50.0%	7	41.2%	
	resistant	2	40.0%	2	40.0%	2	50.0%	3	60.0%	4	50.0%	10	58.8%	
Piperacillin	sensitive	0	0.0%	0	0.0%	1	50.0%	0	0.0%	1	20.0%	5	35.7%	.496
	intermediate	1	100.0%	1	100.0%	0	0.0%	4	100.0%	2	40.0%	6	42.9%	
	resistant	0	0.0%	0	0.0%	1	50.0%	0	0.0%	2	40.0%	3	21.4%	
Piperacillin-tazobactam	sensitive	0	0.0%	-	-	-	-	-	-	-	-	-	-	---
	intermediate	1	100.0%	-	-	-	-	-	-	-	-	-	-	
	resistant	0	0.0%	-	-	-	-	-	-	-	-	-	-	
Rifampin	sensitive	3	75.0%	5	83.3%	2	66.7%	4	80.0%	3	50.0%	-	-	.584
	intermediate	1	25.0%	1	16.7%	0	0.0%	1	20.0%	3	50.0%	-	-	
	resistant	0	0.0%	0	0.0%	1	33.3%	0	0.0%	0	0.0%	-	-	
Trimethoprim-sulfamethoxazol	sensitive	-	-	-	-	-	-	-	-	-	-	4	33.3%	---
	intermediate	-	-	-	-	-	-	-	-	-	-	7	58.3%	
	resistant	-	-	-	-	-	-	-	-	-	-	1	8.3%	
Vancomycin	sensitive	1	20.0%	2	33.3%	2	50.0%	6	100.0%	4	40.0%	11	64.7%	.236
	intermediate	3	60.0%	2	33.3%	1	25.0%	0	0.0%	3	30.0%	2	11.8%	
	resistant	1	20.0%	2	33.3%	1	25.0%	0	0.0%	3	30.0%	4	23.5%	

P. aeruginosa

		year												p-value
		2018		2019		2020		2021		2022		2023		
		N	%	N	%	N	%	N	%	N	%	N	%	
Ampicillin	sensitive	1	50.0%	1	20.0%	1	25.0%	0	0.0%	0	0.0%	0	0.0%	.648
	intermediate	1	50.0%	3	60.0%	2	50.0%	5	62.5%	3	50.0%	2	40.0%	
	resistant	0	0.0%	1	20.0%	1	25.0%	3	37.5%	3	50.0%	3	60.0%	
Ampicillin-sulbactam	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Amikacin	sensitive	0	0.0%	3	33.3%	3	30.0%	13	68.4%	3	50.0%	0	0.0%	.001
	intermediate	2	100.0%	0	0.0%	0	0.0%	0	0.0%	1	16.7%	0	0.0%	
	resistant	0	0.0%	6	66.7%	7	70.0%	6	31.6%	2	33.3%	5	100.0%	
Cefazolin	sensitive	0	0.0%	0	0.0%	0	0.0%	2	13.3%	0	0.0%	0	0.0%	.542
	intermediate	2	100.0%	3	50.0%	2	40.0%	5	33.3%	4	80.0%	0	0.0%	
	resistant	0	0.0%	3	50.0%	3	60.0%	8	53.3%	1	20.0%	2	100.0%	
Cefepime	sensitive	0	0.0%	0	0.0%	2	20.0%	9	47.4%	3	50.0%	0	0.0%	.039
	intermediate	2	100.0%	8	100.0%	7	70.0%	10	52.6%	2	33.3%	4	100.0%	
	resistant	0	0.0%	0	0.0%	1	10.0%	0	0.0%	1	16.7%	0	0.0%	
Cefotaxime	sensitive	0	0.0%	1	16.7%	0	0.0%	1	12.5%	0	0.0%	-	-	1.00
	intermediate	1	100.0%	5	83.3%	3	100.0%	7	87.5%	1	100.0%	-	-	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	-	-	
Cefoxitin (FOX)	sensitive	0	0.0%	0	0.0%	1	50.0%	1	12.5%	0	0.0%	0	0.0%	.122
	intermediate	1	50.0%	5	100.0%	1	50.0%	4	50.0%	0	0.0%	0	0.0%	
	resistant	1	50.0%	0	0.0%	0	0.0%	3	37.5%	2	100.0%	1	100.0%	
Ceftazidime	sensitive	0	0.0%	0	0.0%	4	40.0%	7	36.8%	3	50.0%	0	0.0%	.009
	intermediate	2	100.0%	8	100.0%	6	60.0%	12	63.2%	1	16.7%	5	100.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	33.3%	0	0.0%	
Ceftriaxone	sensitive	0	0.0%	0	0.0%	1	10.0%	4	21.1%	0	0.0%	0	0.0%	.262
	intermediate	2	100.0%	9	100.0%	9	90.0%	15	78.9%	4	80.0%	3	75.0%	

	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	20.0%	1	25.0%	
Ciprofloxacin	sensitive	0	0.0%	3	33.3%	8	80.0%	14	73.7%	5	83.3%	0	0.0%	.003
	intermediate	2	100.0%	5	55.6%	2	20.0%	5	26.3%	1	16.7%	5	100.0%	
	resistant	0	0.0%	1	11.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
Clindamycin	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
co-amoxiclav	sensitive	0	0.0%	0	0.0%	5	50.0%	1	5.3%	0	0.0%	0	0.0%	.016
	intermediate	2	100.0%	6	66.7%	4	40.0%	6	31.6%	3	75.0%	2	66.7%	
	resistant	0	0.0%	3	33.3%	1	10.0%	12	63.2%	1	25.0%	1	33.3%	
Colistin	sensitive	1	100.0%	1	50.0%	-	-	3	75.0%	2	100.0%	4	100.0%	.795
	intermediate	0	0.0%	1	50.0%	-	-	1	25.0%	0	0.0%	0	0.0%	
	resistant	0	0.0%	0	0.0%	-	-	0	0.0%	0	0.0%	0	0.0%	
Erythromycin	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Imipenem	sensitive	0	0.0%	2	22.2%	3	30.0%	3	15.8%	1	16.7%	0	0.0%	.854
	intermediate	2	100.0%	4	44.4%	2	20.0%	8	42.1%	2	33.3%	3	60.0%	
	resistant	0	0.0%	3	33.3%	5	50.0%	8	42.1%	3	50.0%	2	40.0%	
Gentamicin	sensitive	1	100.0%	4	57.1%	2	40.0%	3	23.1%	0	0.0%	0	0.0%	.018
	intermediate	0	0.0%	3	42.9%	3	60.0%	8	61.5%	0	0.0%	4	100.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	2	15.4%	3	100.0%	0	0.0%	
levofloxacin	sensitive	0	0.0%	2	25.0%	-	-	-	-	3	100.0%	0	0.0%	.054
	intermediate	1	100.0%	6	75.0%	-	-	-	-	0	0.0%	1	100.0%	
	resistant	0	0.0%	0	0.0%	-	-	-	-	0	0.0%	0	0.0%	
Linezolid	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Meropenem	sensitive	0	0.0%	0	0.0%	0	0.0%	1	6.7%	2	33.3%	0	0.0%	.008
	intermediate	0	0.0%	2	28.6%	7	77.8%	11	73.3%	0	0.0%	2	40.0%	
	resistant	1	100.0%	5	71.4%	2	22.2%	3	20.0%	4	66.7%	3	60.0%	

K. pneumoniae

		year												P-value
		2018		2019		2020		2021		2022		2023		
		N	%	N	%	N	%	N	%	N	%	N	%	
Ampicillin	sensitive	1	20.0%	4	19.0%	2	25.0%	0	0.0%	1	10.0%	0	0.0%	.185
	intermediate	3	60.0%	11	52.4%	6	75.0%	7	70.0%	4	40.0%	11	84.6%	
	resistant	1	20.0%	6	28.6%	0	0.0%	3	30.0%	5	50.0%	2	15.4%	
Ampicillin-sulbactam	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Amikacin	sensitive	2	28.6%	19	70.4%	7	58.3%	14	70.0%	5	50.0%	2	16.7%	<.001
	intermediate	5	71.4%	2	7.4%	1	8.3%	1	5.0%	2	20.0%	0	0.0%	
	resistant	0	0.0%	6	22.2%	4	33.3%	5	25.0%	3	30.0%	10	83.3%	
Cefazolin	sensitive	2	33.3%	2	9.1%	2	18.2%	3	16.7%	1	12.5%	1	7.7%	.091
	intermediate	4	66.7%	10	45.5%	6	54.5%	11	61.1%	4	50.0%	12	92.3%	
	resistant	0	0.0%	10	45.5%	3	27.3%	4	22.2%	3	37.5%	0	0.0%	
Cefepime	sensitive	2	28.6%	4	15.4%	5	38.5%	5	26.3%	4	44.4%	1	7.7%	.425
	intermediate	5	71.4%	19	73.1%	8	61.5%	13	68.4%	5	55.6%	12	92.3%	
	resistant	0	0.0%	3	11.5%	0	0.0%	1	5.3%	0	0.0%	0	0.0%	
Cefotaxime	sensitive	0	0.0%	7	38.9%	2	25.0%	2	16.7%	4	66.7%	1	7.7%	.134
	intermediate	2	50.0%	8	44.4%	4	50.0%	7	58.3%	0	0.0%	9	69.2%	
	resistant	2	50.0%	3	16.7%	2	25.0%	3	25.0%	2	33.3%	3	23.1%	
Cefoxitin (FOX)	sensitive	2	40.0%	2	15.4%	0	0.0%	0	0.0%	1	25.0%	1	7.7%	.240
	intermediate	2	40.0%	9	69.2%	2	100.0%	6	100.0%	2	50.0%	12	92.3%	
	resistant	1	20.0%	2	15.4%	0	0.0%	0	0.0%	1	25.0%	0	0.0%	
Ceftazidime	sensitive	4	57.1%	4	16.0%	5	38.5%	4	20.0%	3	30.0%	1	7.7%	.217
	intermediate	3	42.9%	20	80.0%	8	61.5%	14	70.0%	6	60.0%	12	92.3%	
	resistant	0	0.0%	1	4.0%	0	0.0%	2	10.0%	1	10.0%	0	0.0%	
Ceftriaxone	sensitive	2	25.0%	0	0.0%	4	30.8%	4	20.0%	2	28.6%	2	33.3%	.009
	intermediate	4	50.0%	23	88.5%	7	53.8%	13	65.0%	5	71.4%	1	16.7%	

	resistant	2	25.0%	3	11.5%	2	15.4%	3	15.0%	0	0.0%	3	50.0%	
Ciprofloxacin	sensitive	2	28.6%	7	23.3%	5	38.5%	4	19.0%	4	40.0%	1	8.3%	.152
	intermediate	5	71.4%	15	50.0%	8	61.5%	16	76.2%	6	60.0%	10	83.3%	
	resistant	0	0.0%	8	26.7%	0	0.0%	1	4.8%	0	0.0%	1	8.3%	
Clindamycin	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
co-amoxiclav	sensitive	0	0.0%	2	7.4%	0	0.0%	4	22.2%	1	11.1%	0	0.0%	.138
	intermediate	6	85.7%	12	44.4%	6	50.0%	7	38.9%	5	55.6%	11	84.6%	
	resistant	1	14.3%	13	48.1%	6	50.0%	7	38.9%	3	33.3%	2	15.4%	
Colistin	sensitive	2	100.0%	0	0.0%	2	100.0%	5	62.5%	3	100.0%	12	100.0%	.111
	intermediate	0	0.0%	1	100.0%	0	0.0%	2	25.0%	0	0.0%	0	0.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	1	12.5%	0	0.0%	0	0.0%	
Erythromycin	sensitive	-	-	-	-	-	-	-	-	1	100.0%	-	-	---
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	-	-	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	-	-	
Imipenem	sensitive	4	50.0%	9	32.1%	5	38.5%	5	26.3%	5	55.6%	1	7.7%	.360
	intermediate	2	25.0%	15	53.6%	6	46.2%	8	42.1%	2	22.2%	8	61.5%	
	resistant	2	25.0%	4	14.3%	2	15.4%	6	31.6%	2	22.2%	4	30.8%	
Gentamicin	sensitive	3	60.0%	7	29.2%	5	50.0%	6	40.0%	2	22.2%	2	15.4%	.338
	intermediate	2	40.0%	17	70.8%	5	50.0%	9	60.0%	7	77.8%	11	84.6%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
levofloxacin	sensitive	2	50.0%	3	16.7%	1	33.3%	-	-	-	-	0	0.0%	.420
	intermediate	2	50.0%	15	83.3%	2	66.7%	-	-	-	-	1	100.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	-	-	-	-	0	0.0%	
Linezolid	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Meropenem	sensitive	2	25.0%	3	11.1%	2	22.2%	3	17.6%	2	25.0%	1	10.0%	.607
	intermediate	5	62.5%	20	74.1%	6	66.7%	10	58.8%	4	50.0%	4	40.0%	
	resistant	1	12.5%	4	14.8%	1	11.1%	4	23.5%	2	25.0%	5	50.0%	

Nalidixic Acid	sensitive	2	33.3%	2	16.7%	2	100.0%	1	33.3%	1	50.0%	-	-	.198
	intermediate	4	66.7%	10	83.3%	0	0.0%	2	66.7%	1	50.0%	-	-	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	-	-	
Nitrofurantoin	sensitive	3	37.5%	15	48.4%	6	46.2%	11	55.0%	5	50.0%	4	33.3%	.730
	intermediate	4	50.0%	15	48.4%	5	38.5%	6	30.0%	3	30.0%	6	50.0%	
	resistant	1	12.5%	1	3.2%	2	15.4%	3	15.0%	2	20.0%	2	16.7%	
Oxacilin	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Penicillin	sensitive	-	-	0	0.0%	-	-	-	-	-	-	-	-	---
	intermediate	-	-	1	100.0%	-	-	-	-	-	-	-	-	
	resistant	-	-	0	0.0%	-	-	-	-	-	-	-	-	
Piperacillin	sensitive	0	0.0%	1	4.5%	2	18.2%	0	0.0%	1	12.5%	5	55.6%	.006
	intermediate	4	80.0%	18	81.8%	8	72.7%	17	94.4%	6	75.0%	2	22.2%	
	resistant	1	20.0%	3	13.6%	1	9.1%	1	5.6%	1	12.5%	2	22.2%	
Piperacillin-tazobactam	sensitive	-	-	-	-	-	-	-	-	-	-	1	100.0%	---
	intermediate	-	-	-	-	-	-	-	-	-	-	0	0.0%	
	resistant	-	-	-	-	-	-	-	-	-	-	0	0.0%	
Rifampin	sensitive	-	-	-	-	-	-	-	-	1	100.0%	-	-	---
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	-	-	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	-	-	
Trimethoprim-sulfamethoxazol	sensitive	-	-	-	-	-	-	-	-	-	-	1	8.3%	---
	intermediate	-	-	-	-	-	-	-	-	-	-	11	91.7%	
Vancomycin	sensitive	-	-	-	-	-	-	-	-	1	100.0%	-	-	---
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	-	-	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	-	-	

S. aureus

		year												p-value
		2018		2019		2020		2021		2022		2023		
		N	%	N	%	N	%	N	%	N	%	N	%	
Ampicillin	sensitive	1	100.0%	2	33.3%	0	0.0%	0	0.0%	0	0.0%	1	16.7%	.058
	intermediate	0	0.0%	1	16.7%	1	100.0%	1	10.0%	3	50.0%	1	16.7%	
	resistant	0	0.0%	3	50.0%	0	0.0%	9	90.0%	3	50.0%	4	66.7%	
Ampicillin-sulbactam	sensitive	-	-	2	50.0%	-	-	-	-	-	-	-	-	---
	intermediate	-	-	2	50.0%	-	-	-	-	-	-	-	-	
	resistant	-	-	0	0.0%	-	-	-	-	-	-	-	-	
Amikacin	sensitive	0	0.0%	2	66.7%	0	0.0%	2	66.7%	0	0.0%	-	-	.543
	intermediate	1	100.0%	0	0.0%	1	100.0%	1	33.3%	0	0.0%	-	-	
	resistant	0	0.0%	1	33.3%	0	0.0%	0	0.0%	1	100.0%	-	-	
Cefazolin	sensitive	0	0.0%	0	0.0%	0	0.0%	2	22.2%	1	16.7%	1	16.7%	.084
	intermediate	1	100.0%	3	50.0%	0	0.0%	7	77.8%	3	50.0%	1	16.7%	
	resistant	0	0.0%	3	50.0%	1	100.0%	0	0.0%	2	33.3%	4	66.7%	
Cefepime	sensitive	1	100.0%	0	0.0%	0	0.0%	5	50.0%	3	50.0%	2	33.3%	.549
	intermediate	0	0.0%	3	100.0%	1	100.0%	5	50.0%	3	50.0%	4	66.7%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
Cefotaxime	sensitive	1	100.0%	1	20.0%	0	0.0%	3	33.3%	0	0.0%	1	25.0%	.589
	intermediate	0	0.0%	4	80.0%	1	100.0%	5	55.6%	4	66.7%	3	75.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	1	11.1%	2	33.3%	0	0.0%	
Cefoxitin (FOX)	sensitive	1	100.0%	3	50.0%	1	100.0%	4	40.0%	1	16.7%	2	33.3%	.939
	intermediate	0	0.0%	2	33.3%	0	0.0%	5	50.0%	4	66.7%	3	50.0%	
	resistant	0	0.0%	1	16.7%	0	0.0%	1	10.0%	1	16.7%	1	16.7%	
Ceftazidime	sensitive	0	0.0%	1	33.3%	1	100.0%	1	12.5%	0	0.0%	3	60.0%	.072
	intermediate	1	100.0%	2	66.7%	0	0.0%	5	62.5%	5	83.3%	0	0.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	2	25.0%	1	16.7%	2	40.0%	
Ceftriaxone	sensitive	0	0.0%	0	0.0%	0	0.0%	2	20.0%	0	0.0%	3	50.0%	.318
	intermediate	1	100.0%	3	60.0%	0	0.0%	4	40.0%	3	50.0%	3	50.0%	

	resistant	0	0.0%	2	40.0%	1	100.0%	4	40.0%	3	50.0%	0	0.0%	
Ciprofloxacin	sensitive	1	100.0%	0	0.0%	0	0.0%	2	20.0%	1	16.7%	1	16.7%	.715
	intermediate	0	0.0%	4	80.0%	0	0.0%	6	60.0%	3	50.0%	4	66.7%	
	resistant	0	0.0%	1	20.0%	1	100.0%	2	20.0%	2	33.3%	1	16.7%	
Clindamycin	sensitive	-	-	0	0.0%	0	0.0%	1	20.0%	0	0.0%	1	20.0%	.024
	intermediate	-	-	1	100.0%	1	100.0%	4	80.0%	1	100.0%	0	0.0%	
	resistant	-	-	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4	80.0%	
co-amoxiclav	sensitive	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	33.3%	0	0.0%	.414
	intermediate	1	100.0%	5	83.3%	1	100.0%	5	50.0%	3	50.0%	3	50.0%	
	resistant	0	0.0%	1	16.7%	0	0.0%	5	50.0%	1	16.7%	3	50.0%	
Colistin	sensitive	1	100.0%	0	0.0%	-	-	-	-	-	-	-	-	1.00
	intermediate	0	0.0%	1	100.0%	-	-	-	-	-	-	-	-	
	resistant	0	0.0%	0	0.0%	-	-	-	-	-	-	-	-	
Erythromycin	sensitive	-	-	1	33.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	.017
	intermediate	-	-	0	0.0%	1	100.0%	8	100.0%	1	100.0%	4	80.0%	
	resistant	-	-	2	66.7%	0	0.0%	0	0.0%	0	0.0%	1	20.0%	
Imipenem	sensitive	1	100.0%	2	66.7%	0	0.0%	2	20.0%	2	33.3%	1	20.0%	.437
	intermediate	0	0.0%	1	33.3%	1	100.0%	8	80.0%	3	50.0%	4	80.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	16.7%	0	0.0%	
Gentamicin	sensitive	1	100.0%	1	16.7%	-	-	4	40.0%	3	50.0%	6	100.0%	.031
	intermediate	0	0.0%	5	83.3%	-	-	6	60.0%	3	50.0%	0	0.0%	
	resistant	0	0.0%	0	0.0%	-	-	0	0.0%	0	0.0%	0	0.0%	
levofloxacin	sensitive	0	0.0%	-	-	-	-	0	0.0%	-	-	1	100.0%	1.00
	intermediate	1	100.0%	-	-	-	-	1	100.0%	-	-	0	0.0%	
	resistant	0	0.0%	-	-	-	-	0	0.0%	-	-	0	0.0%	
Linezolid	sensitive	1	100.0%	0	0.0%	-	-	0	0.0%	1	100.0%	5	100.0%	.167
	intermediate	0	0.0%	1	100.0%	-	-	1	100.0%	0	0.0%	0	0.0%	
	resistant	0	0.0%	0	0.0%	-	-	0	0.0%	0	0.0%	0	0.0%	
Meropenem	sensitive	1	100.0%	0	0.0%	0	0.0%	6	60.0%	1	20.0%	0	0.0%	.020
	intermediate	0	0.0%	6	100.0%	1	100.0%	4	40.0%	4	80.0%	5	83.3%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	16.7%	

Nalidixic Acid	sensitive	0	0.0%	0	0.0%	0	0.0%	3	30.0%	1	16.7%	2	33.3%	.671
	intermediate	0	0.0%	2	33.3%	1	100.0%	2	20.0%	2	33.3%	3	50.0%	
	resistant	1	100.0%	4	66.7%	0	0.0%	5	50.0%	3	50.0%	1	16.7%	
Nitrofurantoin	sensitive	0	0.0%	3	50.0%	1	100.0%	6	60.0%	3	50.0%	2	33.3%	.946
	intermediate	1	100.0%	3	50.0%	0	0.0%	3	30.0%	2	33.3%	3	50.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	1	10.0%	1	16.7%	1	16.7%	
Oxacilin	sensitive	-	-	-	-	-	-	-	-	0	0.0%	6	100.0%	.143
	intermediate	-	-	-	-	-	-	-	-	1	100.0%	0	0.0%	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	0	0.0%	
Penicillin	sensitive	0	0.0%	0	0.0%	0	0.0%	1	10.0%	0	0.0%	1	16.7%	.626
	intermediate	0	0.0%	3	60.0%	1	100.0%	6	60.0%	4	66.7%	5	83.3%	
	resistant	1	100.0%	2	40.0%	0	0.0%	3	30.0%	2	33.3%	0	0.0%	
Piperacillin	sensitive	1	100.0%	1	25.0%	1	100.0%	5	50.0%	1	16.7%	2	33.3%	.419
	intermediate	0	0.0%	3	75.0%	0	0.0%	4	40.0%	5	83.3%	2	33.3%	
	resistant	0	0.0%	0	0.0%	0	0.0%	1	10.0%	0	0.0%	2	33.3%	
Piperacillin-tazobactam	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Rifampin	sensitive	1	100.0%	3	50.0%	1	100.0%	9	90.0%	3	75.0%	-	-	.428
	intermediate	0	0.0%	3	50.0%	0	0.0%	1	10.0%	1	25.0%	-	-	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	-	-	
Trimethoprim-sulfamethoxazol	sensitive	-	-	-	-	-	-	-	-	-	-	2	40.0%	---
	intermediate	-	-	-	-	-	-	-	-	-	-	3	60.0%	
Vancomycin	sensitive	1	100.0%	2	33.3%	1	100.0%	4	40.0%	3	50.0%	5	83.3%	.456
	intermediate	0	0.0%	4	66.7%	0	0.0%	4	40.0%	2	33.3%	0	0.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	2	20.0%	1	16.7%	1	16.7%	

E. coli

		year												p-value
		2018		2019		2020		2021		2022		2023		
		N	%	N	%	N	%	N	%	N	%	N	%	
Ampicillin	sensitive	1	25.0%	1	33.3%	1	11.1%	1	7.1%	4	14.3%	0	0.0%	.778
	intermediate	1	25.0%	1	33.3%	4	44.4%	8	57.1%	17	60.7%	10	76.9%	
	resistant	2	50.0%	1	33.3%	4	44.4%	5	35.7%	7	25.0%	3	23.1%	
Ampicillin-sulbactam	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Amikacin	sensitive	0	0.0%	3	50.0%	6	54.5%	17	73.9%	22	78.6%	10	76.9%	.008
	intermediate	4	100.0%	2	33.3%	3	27.3%	2	8.7%	3	10.7%	0	0.0%	
	resistant	0	0.0%	1	16.7%	2	18.2%	4	17.4%	3	10.7%	3	23.1%	
Cefazolin	sensitive	1	16.7%	0	0.0%	4	26.7%	6	25.0%	6	24.0%	4	30.8%	<.001
	intermediate	5	83.3%	3	33.3%	3	20.0%	2	8.3%	5	20.0%	9	69.2%	
	resistant	0	0.0%	6	66.7%	8	53.3%	16	66.7%	14	56.0%	0	0.0%	
Cefepime	sensitive	1	25.0%	2	50.0%	3	30.0%	5	41.7%	11	45.8%	8	61.5%	.665
	intermediate	3	75.0%	2	50.0%	4	40.0%	5	41.7%	11	45.8%	5	38.5%	
	resistant	0	0.0%	0	0.0%	3	30.0%	2	16.7%	2	8.3%	0	0.0%	
Cefotaxime	sensitive	1	33.3%	0	0.0%	3	30.0%	5	31.3%	4	30.8%	6	46.2%	.752
	intermediate	2	66.7%	4	100.0%	7	70.0%	11	68.8%	9	69.2%	7	53.8%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
Cefoxitin (FOX)	sensitive	1	16.7%	1	25.0%	1	11.1%	1	10.0%	3	25.0%	6	50.0%	.194
	intermediate	2	33.3%	3	75.0%	7	77.8%	7	70.0%	8	66.7%	6	50.0%	
	resistant	3	50.0%	0	0.0%	1	11.1%	2	20.0%	1	8.3%	0	0.0%	
Ceftazidime	sensitive	0	0.0%	3	50.0%	3	37.5%	6	35.3%	9	36.0%	7	58.3%	.516
	intermediate	3	100.0%	3	50.0%	5	62.5%	7	41.2%	14	56.0%	5	41.7%	
	resistant	0	0.0%	0	0.0%	0	0.0%	4	23.5%	2	8.0%	0	0.0%	
Ceftriaxone	sensitive	0	0.0%	3	60.0%	3	25.0%	3	18.8%	4	17.4%	3	37.5%	.352

	intermediate	4	100.0%	1	20.0%	6	50.0%	6	37.5%	14	60.9%	4	50.0%	
	resistant	0	0.0%	1	20.0%	3	25.0%	7	43.8%	5	21.7%	1	12.5%	
Ciprofloxacin	sensitive	5	71.4%	3	33.3%	5	27.8%	8	32.0%	12	42.9%	1	7.7%	.102
	intermediate	2	28.6%	3	33.3%	9	50.0%	12	48.0%	14	50.0%	11	84.6%	
	resistant	0	0.0%	3	33.3%	4	22.2%	5	20.0%	2	7.1%	1	7.7%	
Clindamycin	sensitive	-	-	-	-	-	-	-	-	0	0.0%	-	-	---
	intermediate	-	-	-	-	-	-	-	-	1	100.0%	-	-	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	-	-	
co-amoxiclav	sensitive	0	0.0%	0	0.0%	4	44.4%	1	5.9%	3	13.0%	2	15.4%	.056
	intermediate	3	75.0%	4	50.0%	5	55.6%	7	41.2%	8	34.8%	3	23.1%	
	resistant	1	25.0%	4	50.0%	0	0.0%	9	52.9%	12	52.2%	8	61.5%	
Colistin	sensitive	1	100.0%	-	-	-	-	1	50.0%	1	100.0%	3	100.0%	.571
	intermediate	0	0.0%	-	-	-	-	1	50.0%	0	0.0%	0	0.0%	
	resistant	0	0.0%	-	-	-	-	0	0.0%	0	0.0%	0	0.0%	
Erythromycin	sensitive	-	-	-	-	-	-	-	-	0	0.0%	-	-	---
	intermediate	-	-	-	-	-	-	-	-	1	100.0%	-	-	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	-	-	
Imipenem	sensitive	2	33.3%	3	42.9%	3	25.0%	4	21.1%	16	59.3%	8	61.5%	.010
	intermediate	2	33.3%	1	14.3%	5	41.7%	6	31.6%	9	33.3%	0	0.0%	
	resistant	2	33.3%	3	42.9%	4	33.3%	9	47.4%	2	7.4%	5	38.5%	
Gentamicin	sensitive	4	80.0%	4	50.0%	5	41.7%	9	47.4%	10	47.6%	6	54.5%	.715
	intermediate	1	20.0%	4	50.0%	7	58.3%	10	52.6%	11	52.4%	4	36.4%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	9.1%	
levofloxacin	sensitive	1	50.0%	1	100.0%	1	100.0%	-	-	1	33.3%	-	-	1.00
	intermediate	1	50.0%	0	0.0%	0	0.0%	-	-	2	66.7%	-	-	
	resistant	0	0.0%	0	0.0%	0	0.0%	-	-	0	0.0%	-	-	
Linezolid	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Meropenem	sensitive	1	20.0%	2	33.3%	5	33.3%	6	27.3%	4	20.0%	2	18.2%	.438
	intermediate	3	60.0%	1	16.7%	7	46.7%	13	59.1%	10	50.0%	3	27.3%	

	resistant	1	20.0%	3	50.0%	3	20.0%	3	13.6%	6	30.0%	6	54.5%	
Nalidixic Acid	sensitive	2	40.0%	2	25.0%	3	23.1%	3	16.7%	3	27.3%	-	-	.902
	intermediate	3	60.0%	6	75.0%	10	76.9%	13	72.2%	8	72.7%	-	-	
	resistant	0	0.0%	0	0.0%	0	0.0%	2	11.1%	0	0.0%	-	-	
Nitrofurantoin	sensitive	4	66.7%	6	66.7%	14	77.8%	18	69.2%	21	77.8%	9	69.2%	.905
	intermediate	1	16.7%	2	22.2%	2	11.1%	6	23.1%	3	11.1%	1	7.7%	
	resistant	1	16.7%	1	11.1%	2	11.1%	2	7.7%	3	11.1%	3	23.1%	
Oxacilin	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Penicillin	sensitive	-	-	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	-	-	
Piperacillin	sensitive	1	50.0%	1	25.0%	3	37.5%	8	42.1%	2	11.8%	2	20.0%	.499
	intermediate	0	0.0%	2	50.0%	4	50.0%	7	36.8%	12	70.6%	6	60.0%	
	resistant	1	50.0%	1	25.0%	1	12.5%	4	21.1%	3	17.6%	2	20.0%	
Piperacillin-tazobactam	sensitive	-	-	-	-	-	-	-	-	-	-	1	100.0%	---
	intermediate	-	-	-	-	-	-	-	-	-	-	0	0.0%	
	resistant	-	-	-	-	-	-	-	-	-	-	0	0.0%	
Rifampin	sensitive	-	-	-	-	-	-	-	-	1	100.0%	-	-	---
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	-	-	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	-	-	
Trimethoprim-sulfamethoxazol	sensitive	-	-	-	-	-	-	-	-	-	-	2	16.7%	---
	intermediate	-	-	-	-	-	-	-	-	-	-	10	83.3%	
Vancomycin	sensitive	-	-	-	-	-	-	-	-	1	100.0%	-	-	---
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	-	-	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	-	-	

Other microorganisms

		year										p-value
		2019		2020		2021		2022		2023		
		N	%	N	%	N	%	N	%	N	%	
Ampicillin	sensitive	6	54.5%	1	50.0%	0	0.0%	2	22.2%	3	11.5%	.080
	intermediate	4	36.4%	0	0.0%	0	0.0%	4	44.4%	12	46.2%	
	resistant	1	9.1%	1	50.0%	1	100.0%	3	33.3%	11	42.3%	
Ampicillin-sulbactam	sensitive	-	-	-	-	-	-	-	-	0	0.0%	---
	intermediate	-	-	-	-	-	-	-	-	7	87.5%	
	resistant	-	-	-	-	-	-	-	-	1	12.5%	
Amikacin	sensitive	8	72.7%	2	66.7%	1	50.0%	2	66.7%	4	23.5%	<.001
	intermediate	3	27.3%	1	33.3%	0	0.0%	0	0.0%	0	0.0%	
	resistant	0	0.0%	0	0.0%	1	50.0%	1	33.3%	13	76.5%	
Cefazolin	sensitive	1	12.5%	1	50.0%	0	0.0%	1	33.3%	0	0.0%	.001
	intermediate	1	12.5%	0	0.0%	0	0.0%	0	0.0%	12	80.0%	
	resistant	6	75.0%	1	50.0%	1	100.0%	2	66.7%	3	20.0%	
Cefepime	sensitive	4	40.0%	3	60.0%	0	0.0%	3	50.0%	4	20.0%	.287
	intermediate	5	50.0%	1	20.0%	1	100.0%	3	50.0%	15	75.0%	
	resistant	1	10.0%	1	20.0%	0	0.0%	0	0.0%	1	5.0%	
Cefotaxime	sensitive	2	28.6%	0	0.0%	0	0.0%	1	100.0%	1	10.0%	.364
	intermediate	5	71.4%	1	100.0%	1	100.0%	0	0.0%	9	90.0%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
Cefoxitin (FOX)	sensitive	0	0.0%	2	50.0%	0	0.0%	2	28.6%	3	21.4%	.004
	intermediate	2	40.0%	0	0.0%	1	100.0%	5	71.4%	11	78.6%	
	resistant	3	60.0%	2	50.0%	0	0.0%	0	0.0%	0	0.0%	
Ceftazidime	sensitive	4	57.1%	1	33.3%	0	0.0%	2	40.0%	2	10.0%	.149
	intermediate	3	42.9%	1	33.3%	1	100.0%	3	60.0%	12	60.0%	
	resistant	0	0.0%	1	33.3%	0	0.0%	0	0.0%	6	30.0%	
Ceftriaxone	sensitive	1	12.5%	2	50.0%	0	0.0%	0	0.0%	4	19.0%	.447
	intermediate	6	75.0%	2	50.0%	1	50.0%	2	40.0%	10	47.6%	

	resistant	1	12.5%	0	0.0%	1	50.0%	3	60.0%	7	33.3%	
Ciprofloxacin	sensitive	4	40.0%	1	33.3%	0	0.0%	1	11.1%	4	19.0%	.788
	intermediate	4	40.0%	2	66.7%	2	100.0%	6	66.7%	14	66.7%	
	resistant	2	20.0%	0	0.0%	0	0.0%	2	22.2%	3	14.3%	
Clindamycin	sensitive	0	0.0%	1	50.0%	-	-	0	0.0%	-	-	1.00
	intermediate	1	50.0%	0	0.0%	-	-	1	100.0%	-	-	
	resistant	1	50.0%	1	50.0%	-	-	0	0.0%	-	-	
co-amoxiclav	sensitive	2	25.0%	0	0.0%	0	0.0%	0	0.0%	2	8.7%	.092
	intermediate	1	12.5%	1	33.3%	0	0.0%	2	33.3%	15	65.2%	
	resistant	5	62.5%	2	66.7%	1	100.0%	4	66.7%	6	26.1%	
Colistin	sensitive	-	-	-	-	1	100.0%	1	100.0%	15	100.0%	---
	intermediate	-	-	-	-	0	0.0%	0	0.0%	0	0.0%	
	resistant	-	-	-	-	0	0.0%	0	0.0%	0	0.0%	
Erythromycin	sensitive	-	-	0	0.0%	-	-	0	0.0%	-	-	1.00
	intermediate	-	-	2	100.0%	-	-	1	50.0%	-	-	
	resistant	-	-	0	0.0%	-	-	1	50.0%	-	-	
Imipenem	sensitive	5	62.5%	0	0.0%	1	100.0%	2	28.6%	5	21.7%	.085
	intermediate	3	37.5%	3	100.0%	0	0.0%	5	71.4%	18	78.3%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
Gentamicin	sensitive	5	55.6%	2	66.7%	1	100.0%	4	57.1%	3	18.8%	.089
	intermediate	4	44.4%	1	33.3%	0	0.0%	3	42.9%	13	81.3%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
levofloxacin	sensitive	3	75.0%	1	100.0%	-	-	0	0.0%	0	0.0%	.143
	intermediate	1	25.0%	0	0.0%	-	-	1	100.0%	3	100.0%	
	resistant	0	0.0%	0	0.0%	-	-	0	0.0%	0	0.0%	
Linezolid	sensitive	-	-	-	-	-	-	-	-	9	100.0%	---
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	
Meropenem	sensitive	3	33.3%	1	20.0%	0	0.0%	0	0.0%	0	0.0%	.119
	intermediate	6	66.7%	4	80.0%	1	100.0%	8	100.0%	17	89.5%	
	resistant	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	10.5%	

Nalidixic Acid	sensitive	1	25.0%	-	-	0	0.0%	0	0.0%	-	-	1.00
	intermediate	2	50.0%	-	-	1	100.0%	2	100.0%	-	-	
	resistant	1	25.0%	-	-	0	0.0%	0	0.0%	-	-	
Nitrofurantoin	sensitive	3	75.0%	-	-	1	100.0%	2	100.0%	6	54.5%	.905
	intermediate	1	25.0%	-	-	0	0.0%	0	0.0%	4	36.4%	
	resistant	0	0.0%	-	-	0	0.0%	0	0.0%	1	9.1%	
Oxacilin	sensitive	-	-	-	-	-	-	-	-	-	-	---
	intermediate	-	-	-	-	-	-	-	-	-	-	
	resistant	-	-	-	-	-	-	-	-	-	-	
Penicillin	sensitive	-	-	-	-	-	-	1	100.0%	1	12.5%	.333
	intermediate	-	-	-	-	-	-	0	0.0%	6	75.0%	
	resistant	-	-	-	-	-	-	0	0.0%	1	12.5%	
Piperacillin	sensitive	2	25.0%	1	33.3%	1	100.0%	2	33.3%	6	33.3%	.911
	intermediate	5	62.5%	2	66.7%	0	0.0%	4	66.7%	11	61.1%	
	resistant	1	12.5%	0	0.0%	0	0.0%	0	0.0%	1	5.6%	
Piperacillin-tazobactam	sensitive	-	-	-	-	-	-	-	-	1	100.0%	---
	intermediate	-	-	-	-	-	-	-	-	0	0.0%	
	resistant	-	-	-	-	-	-	-	-	0	0.0%	
Rifampin	sensitive	-	-	1	100.0%	-	-	2	40.0%	-	-	1.00
	intermediate	-	-	0	0.0%	-	-	3	60.0%	-	-	
	resistant	-	-	0	0.0%	-	-	0	0.0%	-	-	
Trimethoprim-sulfamethoxazol	intermediate	-	-	-	-	-	-	-	-	7	100.0%	---
Vancomycin	sensitive	-	-	1	100.0%	-	-	2	66.7%	6	66.7%	1.00
	intermediate	-	-	0	0.0%	-	-	1	33.3%	3	33.3%	
	resistant	-	-	0	0.0%	-	-	0	0.0%	0	0.0%	