

بسم الله الرحمن الرحيم

**Sudan University of Science and Technology
College of Graduate Studies**

**Susceptibility of Methicillin Resistant *Staphylococcus
Aureus* to Selected Antibiotics**

**حساسية المكورات العنقودية الذهبية المقاومة للمثسلين لمضادات
حيوية مختارة**

**By
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**A Dissertation Submitted in Partial Fulfillment for the Requirement
of Master Degree in Clinical Microbiology**

**Supervisor
Dr.Humodi Ahmed Saeed**

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قال الله تعالى

وَقُلْ رَبِّ زِدْنِي عِلْمًا

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Sudan University of Science and Technology
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Study for MSc.degree

(Questionnaire)

1. General information

Code number

Hospital

Age

Sex

u

Wound

Ear

Urinary tract

3. Antimicrobial Susceptibly

a. *S.aureus*

Susceptible to:

Resistant to:

B .MRSA

Resistant to:

Susceptible to:

Isolate code	Oxacillin		Gentamicin		Erythromycin		Ciprofloxacin	
	Diamete r	Activity	Diamete r	Activity	Diamete r	Activity	Diamete r	Activity
1	21	S	26	S	24	s	34	S
2	27	S	25	S	28	S	39	S
3	20	S	25	S	26	S	33	S
4	23	S	24	S	24	S	35	S
5	0	R	0	R	25	S	13	R
6	23	S	25	S	31	S	33	S
7	23	S	20	S	24	S	31	S
8	0	R	0	R	27	S	19	I
9	20	S	23	S	26	S	32	S
10	0	R	22	S	19	I	24	S
11	18	S	22	S	25	S	35	S
12	11	S	20	S	17	I	29	S
13	16	S	22	S	25	S	32	S
14	0	R	0	R	29	S	17	I
15	0	R	0	R	0	R	17	I
16	0	R	0	R	25	S	15	R
17	0	R	0	R	25	S	19	I
18	18	S	25	S	7	R	21	S
19	0	R	31	S	0	R	22	S
20	18	S	21	S	28	S	36	S
21	16	S	21	S	0	R	35	S
22	21	S	17	S	25	S	19	I
23	12	S	13	I	26	S	18	I
24	19	S	22	S	25	S	23	S
25	23	S	23	S	26	S	40	S
26	0	R	0	R	26	S	17	I
27	25	S	21	S	24	S	31	S
28	24	S	25	S	29	S	30	S
29	19	S	21	S	26	S	33	S
30	22	S	21	S	26	S	35	S
31	0	R	0	R	27	S	16	I
32	23	S	22	S	23	S	33	S
33	21	S	21	S	25	S	31	S
34	18	S	22	S	27	S	32	S
35	24	S	27	S	0	R	36	s
36	24	S	22	S	25	S	31	S
37	17	S	21	S	27	S	28	S
38	0	R	0	R	0	R	16	I
39	24	S	22	S	22	S	29	S
40	21	S	29	S	0	R	39	S
41	25	S	23	S	25	S	32	S
42	22	S	21	S	25	S	35	S
43	20	S	22	S	25	S	31	S
44	18	S	20	S	29	S	36	S
45	22	S	23	S	26	S	34	S
46	18	S	18	S	25	S	23	S
47	12	I	25	S	30	S	37	S
48	18	S	22	S	23	S	35	S
49	22	S	18	S	23	S	22	S
50	0	R	0	R	8	R	16	I
51	0	R	0	R	26	S	19	I
52	18	S	21	S	25	S	32	S

53	15	S	0	R	10	R	17	I
54	19	S	21	S	30	S	35	S
55	24	S	25	S	23	S	31	S
56	21	S	23	S	26	S	35	S
57	19	S	20	S	28	S	34	S
58	19	S	21	S	28	S	35	S
59	23	S	24	S	25	S	30	S
60	14	S	20	S	18	I	27	S
61	18	S	20	S	27	S	30	S
62	17	S	25	S	10	R	45	S
63	20	S	18	S	25	S	27	S
64	23	S	21	S	25	S	32	S
65	17	S	19	S	23	S	32	S
66	18	S	20	S	26	S	37	S
67	18	S	21	S	26	S	32	S
68	21	S	19	S	25	S	32	S
69	19	S	20	S	27	S	25	S
70	20	S	18	S	25	S	19	I
71	18	S	20	S	25	S	32	S
72	14	S	18	S	24	S	30	S
73	0	R	0	R	9	R	20	I
74	10	R	0	R	8	R	21	S
75	0	R	0	R	25	S	15	R
76	0	R	0	R	24	S	17	I
77	17	S	0	R	33	S	27	S
78	15	S	24	S	29	S	33	S
79	21	S	22	S	23	S	29	S
80	18	S	18	S	22	S	30	S
81	0	R	0	R	25	S	28	S
82	13	S	21	S	27	S	37	S
83	19	S	20	S	25	S	25	S
84	17	S	19	S	25	S	32	S
85	0	R	0	R	22	S	16	I
86	0	R	0	R	9	R	16	I
87	22	S	24	S	29	S	33	S
88	0	R	0	R	9	S	15	R
89	19	S	25	S	30	S	36	S
90	21	S	21	S	26	S	32	S
91	25	S	21	S	27	S	33	S
92	20	S	15	S	35	S	27	S
93	19	S	25	S	29	S	30	S
94	18	S	19	S	23	S	29	S
95	17	S	21	S	27	S	33	S
96	19	S	21	S	26	S	36	S
97	25	S	0	R	25	S	25	S
98	17	S	24	S	30	S	41	S
99	35	S	30	S	37	S	46	S
100	21	S	28	S	35	S	47	S