

Supplementary materials for the article:  
Dash P. et al. Antimicrobial Resistance and Biofilm Formation of *Staphylococcus aureus*  
Isolates from Febrile Cases: Findings from a Rural Cohort of Odisha, India.  
Pol J Microbiol. 2023, Vol. 72, No 2, 209–214

Table SI  
Details of clinical data of patients included in the study.

Age (Years)	Gender	Fever history	Antibiotic history	Antibiotic	Organism isolated
24	Male	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
40	Female	Fever 6 days	No	-	<i>Staphylococcus aureus</i>
56	Female	Fever 7 days	No	-	<i>Staphylococcus aureus</i>
13	Female	Fever 6 days	Antibiotic taken	azithromycin, amoxicillin, potassium clavulanate	<i>Staphylococcus aureus</i>
42	Female	Fever 1 day	No	-	<i>Staphylococcus aureus</i>
35	Female	Fever 1 day	No	-	<i>Staphylococcus aureus</i>
51	Female	Fever 3 days	Antibiotic taken	ciprofloxacin	<i>Staphylococcus aureus</i>
45	Female	Fever 4 days	No	-	<i>Staphylococcus aureus</i>
26	Female	Fever 4 days	Antibiotic taken	Not known	<i>Staphylococcus aureus</i>
50	Female	Fever 4 days	No	-	<i>Staphylococcus aureus</i>
50	Male	Fever 5 days	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
43	Male	Fever 5 days	No	-	<i>Staphylococcus aureus</i>
35	Female	Fever 2 days	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
27	Female	Fever 4 days	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
24	Female	Fever 3 days	Antibiotic taken	azithromycin, cefixime	<i>Staphylococcus aureus</i>
20	Male	Fever 4 days	Antibiotic taken	ceftriaxone	<i>Staphylococcus aureus</i>
50	Female	Fever 3 days	No	-	<i>Staphylococcus aureus</i>

Age (Years)	Gender	Fever history	Antibiotic history	Antibiotic	Organism isolated
55	Male	Fever 2 days	No	-	<i>Staphylococcus aureus</i>
70	Female	Fever 7 days	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
60	Female	Fever 2 days	Antibiotic taken	Not known	<i>Staphylococcus aureus</i>
70	Male	Fever 5 days	No	-	<i>Staphylococcus aureus</i>
35	Female	Fever 3 days	Antibiotic taken	azithromycin, amoxicillin, potassium clavulanate	<i>Staphylococcus aureus</i>
6	Female	Fever 4 days	No	-	<i>Staphylococcus aureus</i>
13	Male	Fever 2 days	No	-	<i>Staphylococcus aureus</i>
75	Male	Fever 2 days	No	-	<i>Staphylococcus aureus</i>
59	Male	Fever 2 days	No	-	<i>Staphylococcus aureus</i>
60	Male	Fever 2 days	Antibiotic taken	amoxicillin	<i>Staphylococcus aureus</i>
10	Male	Fever 1 day	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
73	Male	Fever 4 days	No	-	<i>Staphylococcus aureus</i>
31	Male	Fever 2 days	Antibiotic taken	ciprofloxacin, azithromycin	<i>Staphylococcus aureus</i>
72	Male	Fever 2 days	Antibiotic taken	ceftriaxone, ofloxacin	<i>Staphylococcus aureus</i>
15	Female	Fever 5 days	No	-	<i>Staphylococcus aureus</i>
30	Female	Fever 4 days	Antibiotic taken	azithromycin, ceftriaxone	<i>Staphylococcus aureus</i>
45	Male	Fever 4 days	Antibiotic taken	ceftriaxone	<i>Staphylococcus aureus</i>
60	Female	Fever 7 days	Antibiotic taken	ceftriaxone, sulbactam	<i>Staphylococcus aureus</i>
42	Male	Fever 4 days	Antibiotic taken	ceftriaxone, sulbactam	<i>Staphylococcus aureus</i>
52	Male	Fever 2 days	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
40	Male	Fever 2 days	No	-	<i>Staphylococcus aureus</i>
11	Female	Fever 2 days	No	-	<i>Staphylococcus aureus</i>

Age (Years)	Gender	Fever history	Antibiotic history	Antibiotic	Organism isolated
45	Female	Fever 8 days	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
63	Male	Fever 3 days	Antibiotic taken	cefoperazone, sulbactam	<i>Staphylococcus aureus</i>
51	Male	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
13	Male	Fever 2 days	No	-	<i>Staphylococcus aureus</i>
43	Male	Fever 1 day	No	-	<i>Staphylococcus aureus</i>
33	Female	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
50	Female	Fever 4 days	Antibiotic taken	Not known	<i>Staphylococcus aureus</i>
54	Female	Fever 2 days	Antibiotic taken	ceftriaxone	<i>Staphylococcus aureus</i>
41	Male	Fever 2 days	No	-	<i>Staphylococcus aureus</i>
47	Female	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
46	Male	Fever 1 day	No	-	<i>Staphylococcus aureus</i>
52	Male	Fever 6 days	Antibiotic taken	ceftriaxone	<i>Staphylococcus aureus</i>
18	Male	Fever 3 days	Antibiotic taken	Not known	<i>Staphylococcus aureus</i>
45	Male	Fever 1 day	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
40	Female	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
12	Male	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
45	Male	Fever 3 days	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
38	Male	Fever 3 days	Antibiotic taken	Not known	<i>Staphylococcus aureus</i>
47	Male	Fever 2 days	Antibiotic taken	cefixime	<i>Staphylococcus aureus</i>
42	Male	Fever 5 days	No	-	<i>Staphylococcus aureus</i>
24	Female	Fever 2 days	No	-	<i>Staphylococcus aureus</i>
26	Female	Fever 5 days	Antibiotic taken	azithromycin	<i>Staphylococcus aureus</i>
52	Male	Fever 2 days	No	-	<i>Staphylococcus aureus</i>

Age (Years)	Gender	Fever history	Antibiotic history	Antibiotic	Organism isolated
80	Male	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
27	Female	Fever 4 days	No	-	<i>Staphylococcus aureus</i>
48	Male	Fever 3 days	Antibiotic taken	cefpodoxime	<i>Staphylococcus aureus</i>
34	Female	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
69	Male	Fever 1 day	No	-	<i>Staphylococcus aureus</i>
29	Female	Fever 3 days	No	-	<i>Staphylococcus aureus</i>
3.5	Male	Fever 3 days	Antibiotic taken	cefpodoxime	<i>Staphylococcus aureus</i>
29	Male	Fever 1 day	No	-	<i>Staphylococcus aureus</i>
30	Female	Fever 5 days	No	-	<i>Staphylococcus aureus</i>
4	Male	Not sure	No	-	<i>Staphylococcus aureus</i>
23	Female	Fever 5 days	Antibiotic taken	Not known	<i>Staphylococcus aureus</i>

Table SII

Descriptive analysis of demographic and clinical data of (A) patients included in the study and (B) patients who were found positive for *Staphylococcus aureus aureus*.

Table A	Total participants included in the study n = 718	
Age in years	Median (IQR)	Range (min, max)
	35 (28)	94.89 (0.11, 95)
Gender	Male (n (%))	Female (n (%))
	397 (55.29)	321 (44.71)
Average day of having fever	Median (IQR)	Range (min, max)
	3 (2)	29 (1, 30)

Table B	Samples positive for <i>S. typhi</i> , n = 73	
Age in years	Median (IQR)	Range (min, max)
	42 (24)	76.5 (4, 80)
Gender	Male (n (%))	Female (n (%))
	39 (53.42)	34 (46.58)
History of antibiotic use	Yes (n (%))	No (n (%))
	34 (46.58)	39 (53.42)
Biofilm formation status	Yes (n (%))	No (n (%))
	73 (n (%))	0
Resistance to antibiotic	Yes (n (%))	No (n (%))
	72 (98.63)	1 (1.37)

IQR – interquartile range