



**Table 2S** - Age distribution (number and percentage) of febrile neonates and infants 90 days or younger with severe bacterial infection before and during the COVID-19 pandemic

		Prepandemic cohort						Pandemic cohort			pvalue					
		Total (n=92)		Mar 2017-Feb 2018 (n=18)		Mar 2018- Feb 2019 (n=7)		Mar 2019- Feb 2020 (n=24)		Mar 2020 -Feb 2021 (n=15)		Mar 2021 -Feb 2022 (n=16)		Mar 2022 -Dec 2022 (n=12)		
		No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.		(%)	No.	(%)	No.	(%)
Age group (days)	0-21	31	(33.7)	9	(50.0)	2	(28.6)	6	(25.0)	3	(20.0)	7	(43.7)	4	(33.3)	0.946
	22-28	6	(6.5)	1	(5.6)	1	(14.3)	1	(4.2)	1	(6.7)	1	(6.3)	1	(8.3)	
	29-60	29	(31.5)	4	(22.2)	2	(28.6)	10	(41.7)	6	(40.0)	4	(25.0)	3	(25.0)	
	61-90	26	(28.3)	4	(22.2)	2	(28.6)	7	(29.2)	5	(33.3)	4	(25.0)	4	(33.3)	

**Table S3** – Discharge diagnosis of febrile neonates and infants 90 days or younger during the COVID-19 pandemic period (March 2020-December 2022) by age group and the result of the SARS-CoV-2 test

	<b>Total (n=193)</b>		<b>SARS-CoV-2 positive (n=71)</b>		<b>SARS-CoV-2 negative (n=122)</b>		<b>pvalue</b>
	<b>No.</b>	<b>(%)</b>	<b>No.</b>	<b>(%)</b>	<b>No.</b>	<b>(%)</b>	
<b>Sepsi//bactermia suspected or confirmed</b>	<b>8</b>	<b>(4.2)</b>	<b>2</b>	<b>(2.8)</b>	<b>6</b>	<b>(4.9)</b>	<b>0.713</b>
<i>Age group (days)</i>							
0-21	5		1		4		
22-28	0		0		0		
29-60	3		1		2		
61-90	0		0		0		
<b>Urinary Tract Infections</b>	<b>47</b>	<b>(24.4)</b>	<b>7</b>	<b>(9.9)</b>	<b>40</b>	<b>(32.8)</b>	<b>&lt;0.0001</b>
<i>Age group (days)</i>							
0-21	12		1		11		
22-28	4		1		3		
29-60	16		5		11		
61-90	15		0		15		
<b>Meningitis</b>	<b>5</b>	<b>(2.6)</b>	<b>0</b>	<b>(0.0)</b>	<b>5</b>	<b>(4.1)</b>	<b>0.160</b>
<i>Age group (days)</i>							
0-21	4		0		4		
22-28	0		0		0		
29-60	1		0		1		
61-90	0		0		0		

**Table S4** - Age distribution (number and percentage) of febrile neonates and infants 90 days or younger with severe bacterial infection, positive and negative at the SARS-CoV-2 test

	<b>Total (n=43)</b>		<b>SARS-CoV-2 positive (n=6)</b>		<b>SARS-CoV-2 negative (n=37)</b>		<b>pvalue</b>	
	<b>No.</b>	<b>(%)</b>	<b>No.</b>	<b>(%)</b>	<b>No.</b>	<b>(%)</b>		
Age group (days)	0-21	14	(32.6)	2	(33.3)	12	(32.4)	0.214
	22-28	3	(7.0)	1	(16.7)	2	(5.4)	
	29-60	13	(30.2)	3	(50.0)	10	(27.0)	
	61-90	13	(30.2)	0	(-)	13	(35.1)	

**Table S5** – Blood and urine cultures of febrile neonates and infants 90 days or younger during the COVID-19 pandemic period (March 2020-December 2022) stratified based on the results of SARS-CoV-2 swab

	<b>Total (n=193)</b>		<b>SARS-CoV-2 positive (n=71)</b>		<b>SARS-CoV-2 negative (n=122)</b>		<b>pvalue</b>
	<b>No.</b>	<b>(%)</b>	<b>No.</b>	<b>(%)</b>	<b>No.</b>	<b>(%)</b>	
<b>Blood culture</b>							0.387
Not performed	22	(11.4)	10	(14.1)	12	(9.8)	
Failed procedure	4	(2.1)	3	(4.2)	1	(0.8)	
Performed - negative	153	(79.3)	53	(74.6)	100	(82.0)	
Performed – not available	1	(0.5)	0	(-)	1	(0.8)	
Performed - positive	13	(6.7)	5	(7.0)	8	(6.6)	
<i>CoNs</i>	5		2		3		
<i>E. coli</i>	2		1		1		
<i>Streptococcus agalactiae</i>	2		0		2		
<i>Enterococchi</i>	1		1		0		
<i>S. aureus</i>	1		0		1		
<i>Klebsiella pneumoniae</i>	1		0		1		
<i>Kocuria rhizophila</i>	1		1		0		
<b>Urine culture</b>							0.001
Not performed	51	(26.4)	23	(32.4)	28	(23.0)	
Failed procedure	4	(2.1)	4	(5.6)	0	(-)	
Performed - negative	72	(37.3)	30	(42.3)	42	(34.4)	
Performed – not available	1	(0.5)	0	(-)	1	(0.8)	
Performed - contaminated	12	(6.2)	5	(7.0)	7	(5.7)	
Performed - positive	53	(27.5)	9	(12.7)	44	(36.1)	
<i>E. coli</i>	36		6		30		
<i>Klebsiella pneumoniae</i>	5		0		5		
<i>Enterococchi</i>	2		0		2		
<i>Citrobacter</i>	2		0		2		
<i>Enterobacter aerogenes</i>	2		1		1		
<i>Klebsiella oxytoca</i>	4		2		2		
<i>s. Agalactiae</i>	1		0		1		
<i>Other</i>	0		0		1		

**Table S6** – Microbiological tests on CSF of febrile neonates and infants 90 days or younger during the COVID-19 pandemic period (March 2020-December 2022) stratified based on the results of SARS-CoV-2 swab

	<b>Total (n=56)</b>		<b>SARS-CoV-2 positive (n=13)</b>		<b>SARS-CoV-2 negative (n=43)</b>	
	<b>No.</b>	<b>(%)</b>	<b>No.</b>	<b>(%)</b>	<b>No.</b>	<b>(%)</b>
<b>Film-array panel on CSF</b>						
Not performed	2	(3.6)	2	(15.4)	0	(-)
Performed - negative	41	(73.2)	10	(76.9)	31	(72.1)
Performed - positive	13	(23.2)	1	(7.7)	12	(27.9)
<i>Enterovirus</i>	7		0		7	
<i>Streptococcus agalactiae.</i>	2		0		2	
<i>HHV-6</i>	2		1		1	
<i>E. coli</i>	1		0		1	
<i>Other</i>	1		0		1	
<b>CSF culture</b>						
Failed procedure	3	(5.4)	3	(23.1)	0	(-)
Performed - negative	49	(87.5)	10	(76.9)	39	(90.7)
Performed - positive	4	(7.1)	0	(-)	4	(9.3)
<i>Streptococcus agalactiae</i>	2		0		2	
<i>E. coli</i>	1		0		1	
<i>Staphylococcus hominis</i>	1		0		1	