



Hospital Based Rotavirus Surveillance in Children < 5 years of age and  
Intussusception Surveillance in Children < 2 years of age (HBRIS) in Bangladesh

Monthly Report, September 2025



◆ Name, location and starting month of HBRIS hospitals

Sl. No.	Name of the Hospitals	Location	Surveillance start	Current status
01.	Rajshahi Medical College Hospital (RMCH)	Rajshahi	July'12	Ongoing
02.	Jahurul Islam Medical College Hospital (JIMCH)	Kishoregonj	July'12	Ongoing
03.	Jalalabad Ragib-Rabeya Medical College Hospital (JRRMCH)	Sylhet	July'12	Ongoing
04.	World Mission Prayer League (LAMB)	Dinajpur	February'13	Closed in June'15
05.	Bangabandhu Memorial Hospital (BBMH)	Chattogram	February'13	Closed in Septemer'19
06.	Jashore General Hospital (Jashore)	Jashore	August'13	Ongoing
07.	Sher-e- Bangla Medical College Hospital (SBMCH)	Barishal	August'13	Ongoing
08.	Rangpur Medical College Hospital (RpMCH)	Rangpur	January'16	Ongoing
09.	Chattogram Medical College Hospital (CMCH)	Chattogram	Septemer'19	Ongoing

◆ Proportion of children aged <5 years hospitalized with acute gastroenteritis (AGE) with evidence of rotavirus infection during September 2025 by hospital

Hospital Name	Rotavirus		
	AGE*	Sampled	Positive (%)
RMCH	32	9	0(0.00)
JIMCH	28	8	0(0.00)
JRRMCH	23	5	1(20.00)
JGH	28	7	2(28.57)
SBMCH	116	29	16(55.17)
RpMCH	40	10	5(50.00)
CMCH	80	20	11(55.00)
<b>Cumulative Total</b>	<b>347</b>	<b>88</b>	<b>35(39.77)</b>

◆ Number of intussusception cases aged <2 years during September 2025 by hospital

Hospital Name	Intussusception confirmed***
RMCH	0
JIMCH	0
JRRMCH	0
JGH	0
SBMCH	0
RpMCH	4
CMCH	0
<b>Cumulative Total</b>	<b>4</b>

◆ Distribution of acute gastroenteritis (AGE) & rotavirus cases by age group during September 2025

Age group (in months)	Rotavirus		
	AGE (N=347)	Sampled (N=88)	Positive (%) (N=35)
0-5	45	9	2(22.22)
6-11	117	32	13(40.63)
12-17	84	22	7(31.82)
18-23	28	9	6(66.67)
24-59	73	16	7(43.75)
<b>Cumulative Total</b>	<b>347</b>	<b>88</b>	<b>35(39.77)</b>

\*Acute Gastroenteritis (AGE)-  $\geq 3$  watery or looser than normal or  $\geq 1$  episode of forceful vomiting within a 24-hour period, with symptoms lasting  $\leq 7$  days. \*\*Every 4th suspected case (in case of LAMB hospital every case). \*\*\*Child under 2 years who is admitted in selected hospitals & meet the level 1 or 2 or 3, Brighton Collaboration diagnostic criteria (either by clinical/ surgical/ and/or radiological and/or autopsy criteria).

◆ Distribution of intussusception cases by age group during September 2025

Age group (in months)	Intussusception confirmed
0-5	2
6-11	2
12-17	0
18-23	0
24-59	0
<b>Cumulative Total</b>	<b>4</b>

◆ Distribution of acute gastroenteritis (AGE) and rotavirus cases by sex during September 2025

Sex	AGE	Sampled	Positive (%)
Male	209	54	24(44.44)
Female	138	34	11(32.35)

◆ Distribution of intussusception cases by sex during September 2025

Sex	Intussusception confirmed
Male	4
Female	0



◆ Number of children aged < 5 years with acute gastroenteritis (AGE) with evidence of rotavirus positivity by hospital (January '25 to September '25)

Hospital	RMCH		JIMCH		JRRMCH		JGH		SBMCH		RpMCH		CMCH		Total Cases		
	Sampled	Positive	Sampled	Positive	%												
Jan'25	25	18	20	16	12	10	20	16	30	27	33	28	39	33	179	148	82.68
Feb'25	20	17	16	12	9	7	16	14	28	22	25	20	31	25	145	117	80.68
Mar'25	16	5	12	3	7	3	6	2	16	12	10	5	22	13	89	43	48.31
Apr'25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May'25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun'25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul' 25	5	2	7	0	6	1	9	3	24	19	7	0	16	0	74	25	33.78
Aug'25	10	3	6	0	5	4	10	2	22	14	6	0	22	14	81	34	45.68
Sep'25	9	0	8	0	5	1	7	2	29	16	10	5	20	11	88	35	39.77
Total	75	45	69	31	44	26	68	39	139	110	91	58	150	96	656	402	61.28

◆ Proportion of children aged < 5 years with acute gastroenteritis (AGE) with evidence of rotavirus infection including number of deaths by hospital July'12 to September '25

Hospital Name	Rotavirus			
	AGE	Sampled	Positive (%)	Rotavirus associated deaths
RMCH	18304	4479	2695(60%)	3
JIMCH	10789	2689	1719(64%)	1
JRRMCH	9048	2243	1459(65%)	-
LAMB	178	142	95(63%)	1
BBMH	2155	532	335(63%)	-
JGH	7128	1792	1076(60%)	-
SBMCH	15334	3845	2479(64%)	-
RpMCH	6353	1585	947(60%)	-
CMCH	5416	1346	802(60%)	-
Cumulative Total	74694	18666	11192 (60%)	5**

\*\* Last Rota associated death case was reported in 2015.

◆ Number of intussusception cases aged <2 years by hospital July'12 to September '25

Hospital Name	Intussusception confirmed
RMCH	294
JIMCH	35
JRRMCH	70
LAMB	-
BBMH	10
JGH	14
SBMCH	65
RpMCH	101
CMCH	263
Cumulative Total	890