



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

Monthly Report, July 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 July 2025 by hospital

Hospital Name	Rotavirus		
	AGE*	Sampled	Positive (%)
RMCH	20	5	2(40.00)
JIMCH	28	7	0(00.00)
JRRMCH	24	6	1(16.67)
JGH	36	9	3(33.33)
SBMCH	96	24	19(79.17)
RpMCH	28	7	0(00.00)
CMCH	64	16	0(00.00)
Cumulative Total	296	74	25(33.78)

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

Hospital Name	Intussusception confirmed***
RMCH	0
JIMCH	0
JRRMCH	0
JGH	1
SBMCH	0
RpMCH	0
CMCH	0
Cumulative Total	1

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

Age group (in months)	Rotavirus		
	AGE (N=296)	Sampled (N=74)	Positive (%) (N=25)
0-5	52	17	7(41.18)
6-11	102	23	11(47.83)
12-17	67	17	4(23.53)
18-23	30	5	0(0.00)
24-59	45	12	3(25.00)
Cumulative Total	293	74	25(33.78)

*Acute Gastroenteritis (AGE)- ≥ 3 watery or looser than normal or ≥ 1 episode of forceful vomiting within a 24-hour period, with symptoms lasting ≤ 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 July 2025

Age group (in months)	Intussusception confirmed
0-5	0
6-11	1
12-17	0
18-23	0
24-59	0
Cumulative Total	1

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

Sex	AGE	Sampled	Positive (%)
Male	190	46	16(34.78)
Female	106	28	9(32.14)

◆ Distribution of intussusception cases by sex during July 2025

Sex	Intussusception confirmed
Male	0
Female	1

◆ Number of children aged < 5 years with acute gastroenteritis (AGE) with evidence of rotavirus positivity by hospital (January '25 to July '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
Total	56	42	55	31	34	21	51	35	88	80	75	53	108	71	487	333	68.37

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

Hospital Name	Rotavirus			
	AGE	Sampled	Positive (%)	Rotavirus associated deaths
RMCH	18232	4460	2692(60%)	3
JIMCH	10737	2675	1719(64%)	1
JRRMCH	9005	2233	1454(65%)	-
LAMB	178	142	95(63%)	1
BBMH	2155	532	335(63%)	-
JGH	7060	1775	1064(60%)	-
SBMCH	15130	3794	2449(65%)	-
RpMCH	6286	1569	942(60%)	-
CMCH	5248	1314	777(59%)	-
Cumulative Total	74020	18497	11120 (60%)	5**

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

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

Hospital Name	Intussusception confirmed
RMCH	294
JIMCH	35
JRRMCH	70
LAMB	-
BBMH	10
JGH	13
SBMCH	64
RpMCH	97
CMCH	263
Cumulative Total	884