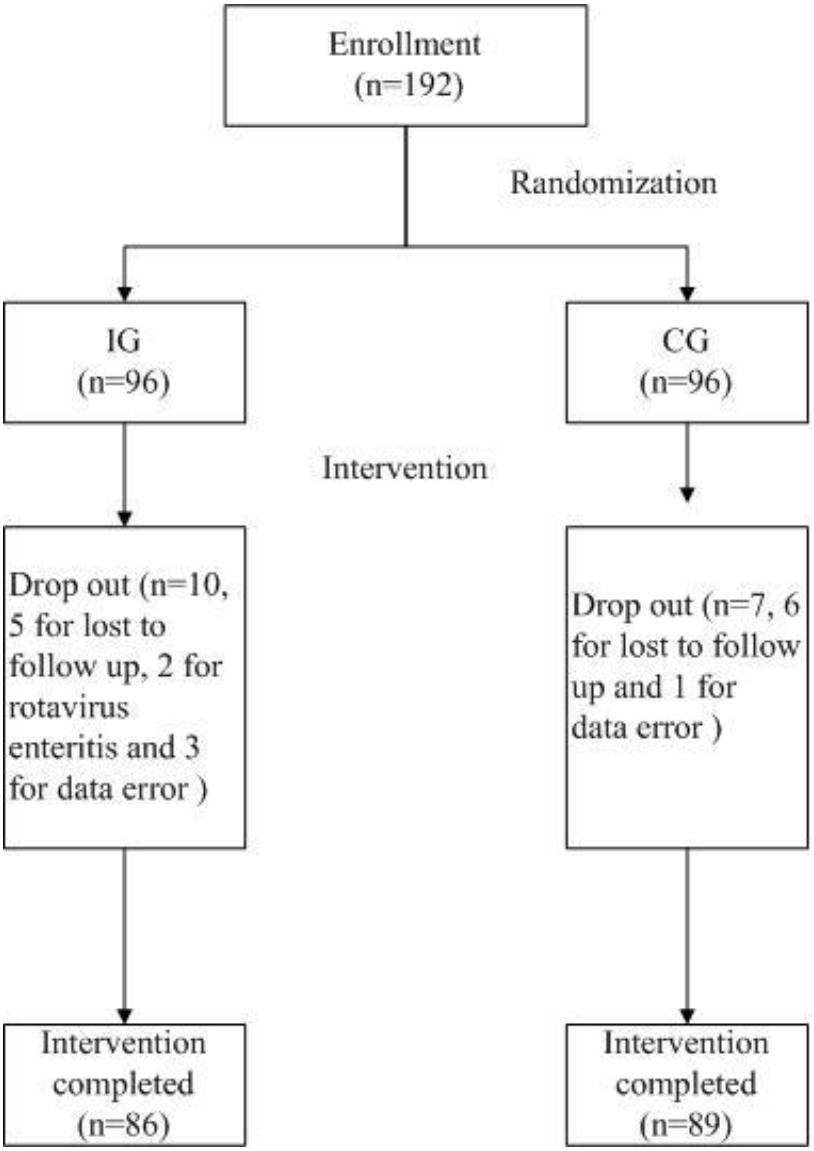
Participant flow



Baseline characteristics

Items	IG (n=86)	CG(n=89)	t/χ^2 value	p value
Female[n(%)]*	38(44.2)	42(47.2)	0.159	0.6899
Age (mo)*	10.18±2.6	10.14±3.2	0.091	0.928
Birth weight(kg)*	3.31±0.4	3.27±0.5	0.583	0.7197
Length when recruited (cm)*	74.19±5.4	73.34±5.2	1.061	0.2902
Weight when recruited (kg)*	9.20±1.2	9.23±1.9	-0.124	0.9012
HC when recruited (cm)*	45.47±1.9	44.96±2.0	1.728	0.0858
Levels of education of main caregivers (n)*			3.142	0.3702
Junior middle school or below	25	24		
High school	12	13		
Junior college	17	27		
University or above	32	25		
Levels of monthly household income per capita (yuan)*			6.459	0.2641
<500	1	0		
501-1000	24	19		
1001-1500	9	7		
1501-2000	3	11		
2001-3000	8	8		
>3000	41	44		
Living environment*			0.002	1
Rural	48	50		

Town	38	39		
Numbers of household members (n)*			2.193	0.1386
<4	16	25		
≥4	70	64		
Complementary feeding when recruited (n)*			0.001	1
Yes	85	88		
No	1	1		

IG, bovine colostrum intervention group; CG, blank control group. *, no significant differences between the two groups (p>0.05).

Outcome measures

Primary outcomes: incidence of morbidity episodes at follow-up with estimates of the intervention effect

Items	IG (n=86)		CG (n=89)	
	Morbidity events	Incidence per 100 child days †	Morbidity events	Incidence per 100 child days ‡
Cough	39	0.50	40	0.50
Runny nose	43	0.56	48	0.60
Nasal congestion	29	0.37	28	0.35
Fever (≥37.5℃)	8	0.10	8	0.10
Loose stool	5	0.06	14	0.17
Increased stool	3	0.04	6	0.07

frequency				
Choking milk	0	0	0	0
Loss of appetite	0	0	3	0.04
Wheezing	0	0	0	0
Sneezing	1	0.01	2	0.02
Upper respiratory infection*	10	0.13	9	0.11
Pneumonia*	0	0	0	0
Diarrhea*	8	0.10	20	0.25

IG, bovine colostrum intervention group; CG, blank control group. †, a total of 7740 child-days of follow-up ; ‡, a total of 8010 child-days of follow-up. *, diagnosed by locative doctors.

Adverse events

There were no adverse events associated with this trial.