Supplemental Figure S1. Distribution of anthropometric z-scores among children compared with WHO standards (dashed). IG = Intervention group; CG = Control group. WAZ= weight for age Z-score; WHZ = weight for height (length) Z-score; LAZ = length for age Z-score. Baseline is solid line, end line is dotted line.

Supplemental Table S1. Comparison of intervention effect on nutritional status among treatment and control groups by GEE different correlation matrices.

	Baseline		End line		Significance testing					
	Interven-tion (N=122)	Control (N=121)	Interven-tion (N=122)	Control (N=121)	Correlation matrix: AR		Correlation matrix: In-dependent		Correlation matrix: Ex-changeable	
	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	β (95% CI)[a]	p	β (95% CI)[a]	p	β (95% CI)[a]	p
WAZ	-1.12 (1.00)	-1.02 (1.17)	-0.20 (0.86)	-1.09 (1.05)	0.38 (0.13, 0.63)	0.003	0.27 (0.02, 0.52)	0.033	0.27 (0.02, 0.52)	0.034
LAZ	-1.32 (1.19)	-1.10 (1.48)	-1.04 (1.04)	-1.58 (1.25)	0.15 (-0.15, 0.44)	0.325	0.10 (-0.18, 0.39)	0.473	0.11 (-0.17, 0.39)	0.450
WHZ	-0.65 (0.97)	-0.63 (1.03)	0.43 (0.79)	-0.40 (0.89)	0.43 (0.21, 0.64)	<0.001	0.45 (0.24, 0.66)	<0.001	0.45 (0.24, 0.67)	<0.001
	N (%)	N (%)	N (%)	N (%)	OR (95% CI)[b]	p	OR (95% CI)[b]	p	OR (95% CI)[b]	p
Under-weight	22 (18)	24 (19.8)	6 (4.9)	22 (18.2)	0.46 (0.26, 0.84)	0.011	0.52 (0.29, 0.94)	0.031	0.52 (0.28, 0.94)	0.03
Stunting	35 (28.7)	37 (30.6)	41 (33.6)	50 (41.3)	0.58 (0.37, 0.91)	0.017	0.58 (0.37, 0.91)	0.019	0.58 (0.37, 0.91)	0.018
Wasting	11 (9)	10 (8.3)	1 (0.8)	6 (5)	0.52 (0.26, 1.05)	0.067	0.52 (0.26, 1.04)	0.066	0.52 (0.26, 1.05)	0.068

AR: Auto-regressive; OR: Odds ratio; WAZ: Weight for age Z-score; LAZ: Length for age Z-score; WHZ: Weight for height Z-score. [a] Calculated by GEE linear model. [b] Calculated by GEE binary logit adjusted for baseline corresponding Z-score.