

Table S1 Comparison of WAZ, HAZ and BAZ scores at different time points before and after allo-HSCT in all children

Time points	WAZ	HAZ	BAZ
T0	-0.97±1.00	-1.17±0.99	-0.59±1.04
T1	-1.46±1.05	-1.24±1.00	-1.26±1.09
T3	-1.37±1.11	-1.36±0.97	-1.05±1.27
T6	-1.17±1.13	-1.33±1.01	-0.82±1.23
T9	-1.05±1.23	-1.13±1.11	-0.78±1.26
T12	-0.71±1.12	-0.95±1.09	-0.61±1.23

Data are presented as mean ± SD. T0, prior to allo-HSCT; T1, one month; T3, three months; T6, six months; T9, nine months; T12, twelve months. WAZ, weight-for-age Z scores; HAZ, height-for-age Z scores; BAZ, body mass index-for-age Z scores; allo-HSCT, allogeneic hematopoietic stem cell transplantation.

Table S2 Comparison of the mean WAZ, HAZ and BAZ at different time points at T0 and T12 between the normal-nutrition group and malnutrition group (mean ± SD)

Time points	WAZ		HAZ		BAZ	
	Normal-nutrition group	Malnutrition group	Normal-nutrition group	Malnutrition group	Normal-nutrition group	Malnutrition group
T0	-0.61±0.76	-2.33±0.44	-0.84±0.87	-2.16±0.59	-0.22±0.77	-1.71±0.96
T1	-1.14±0.92	-2.64±0.56	-0.93±0.92	-2.16±0.62	-0.92±0.86	-2.26±1.13
T3	-1.01±0.89	-2.66±0.86	-1.05±0.87	-2.29±0.59	-0.69±0.99	-2.15±1.41
T6	-0.80±0.89	-2.62±0.73	-1.00±0.93	-2.31±0.49	-0.37±0.84	-2.16±1.25
T9	-0.69±1.06	-2.43±0.82	-0.87±0.94	-1.88±1.27	-0.37±1.00	-1.97±1.23
T12	-0.39±0.97	-1.94±0.77	-0.58±0.95	-2.04±0.66	-0.27±1.02	-1.64±1.24

Data are presented as mean ± SD. T0, prior to allo-HSCT; T1, one month; T3, three months; T6, six months; T9, nine months; T12, twelve months. WAZ, weight-for-age Z scores; HAZ, height-for-age Z scores; BAZ, body mass index-for-age Z scores; allo-HSCT, allogeneic hematopoietic stem cell transplantation.

Table S3 The actual ratio of energy intake during different time points

Time points	Number of patients	The ideal energy intake (Kcal)	The actual energy intake (Kcal)	The actual ratio of energy intake (%)*
T0	56	1246 (1145, 1371)	1190 (1050, 1338)	94.92 (84.33, 101.84)
T1	56	1239 (1127, 1344)	960 (880, 1000)	74.62 (71.13, 79.42)
T3	56	1252 (1143, 1377)	1000 (853, 1189)	81.36 (68.43, 90.66)
T6 [§]	55	1283 (1170, 1358)	1150 (980, 1300)	87.34 (77.66, 103.76)
T9 [§]	52	1319 (1226, 1427)	1200 (1100, 1500)	95.11 (89.43, 103.67)
T12 [#]	52	1354 (1253, 1505)	1600 (1350, 1775)	117.08 (104.6, 126.91)

Data are presented as median (IQR). [§], one patient died; [§], four patients died; [#], four patients died; *, the actual ratio of energy intake was calculated by dividing the actual energy intake after allo-HSCT with the ideal energy intake during different periods. T0, prior to allo-HSCT; T1, one month; T3, three months; T6, six months; T9, nine months; T12, twelve months. IQR, interquartile range; allo-HSCT, allogeneic hematopoietic stem cell transplantation.

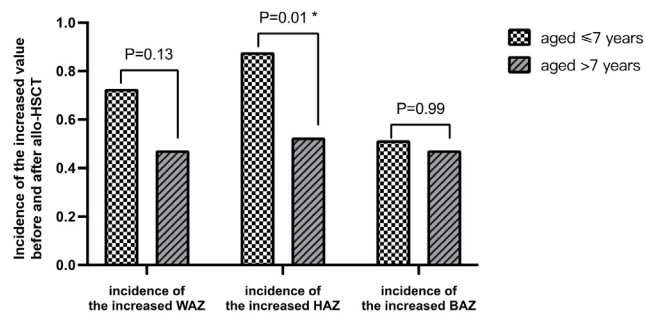


Figure S1 Comparison of the incidence of increased WAZ, HAZ, and BAZ before and after allo-hematopoietic stem cell transplantation between groups aged >7 and ≤7 years. *, $P < 0.05$. WAZ, weight-for-age Z scores; HAZ, height-for-age Z scores; BAZ, body mass index Z scores.