Supplementary material

Table 1S . Post hot analysis of ΔHtSDS, HV was performed with the Bonferroni's adjustment.

	Mean Diff	95.00% CI of diff	Significant	Adjusted P Value
HV				
group 1 vs. group 2	-1.5	-3.14 to 0.16	ns	0.10
group 1 vs. group 3	-0.9	-2.85 to 1.09	ns	>0.9999
group 1 vs. group 4	2.1	0.13 to 4.09	*	0.03
group 2 vs. group 3	0.6	-1.22 to 2.44	ns	>0.9999
group 2 vs. group 4	3.6	1.77 to 5.43	****	<0.0001
group 3 vs. group 4	3.0	0.86 to 5.12	**	0.0018
ΔHtSDS				
group 1 vs. group 2	-0.2	-0.64 to 0.15	ns	0.57
group 1 vs. group 3	-0.4	-0.85 to 0.12	ns	0.28
group 1 vs. group 4	0.4	-0.05 to 0.90	ns	0.11
group 2 vs. group 3	-0.1	-0.57 to 0.33	ns	>0.9999
group 2 vs. group 4	0.7	0.23 to 1.11	***	0.0006
group 3 vs. group 4	0.8	0.26 to 1.31	***	0.0007

HV: height velocity. ΔHtSDS: change in HtSDS from baseline.
ns: no significance.

Table 2S. Multivariate correlation analysis between ΔHtSDS, HV at year 1 and baseline variables in LAGH treatment group.

	ΔHtSDS			HV		
	r	r (95%CI)	p	r	r (95%CI).	p
GH dose	0.33	0.04 to 0.56	0.02	0.36	0.06 to 0.59	0.01
CA (year)	-0.32	-0.55 to -0.03	0.03	-0.67	-0.80 to -0.47	<0.0001
BA	-0.54	-0.72 to -0.28	0.0002	-0.71	-0.83 to -0.51	<0.0001
BMI	-0.08	-0.33 to 0.18	0.55	-0.36	0.59 to -0.07	0.02
HtSDS	0.18	-0.11 to 0.44	0.24	0.33	0.03 to 0.57	0.03
MPH SDS	0.09	-0.19 to 0.37	0.54	0.15	-0.12 to 0.40	0.25

HV: height velocity; ΔHtSDS: change in HtSDS from baseline; CA: chronological age; BA: bone age; BMI: body mass index; MPH: mid-parental height; SDS: standard deviation score.