

Supplemental Table S1. Changes in Clinical Characteristics at the End of GH Treatment, at Re-Evaluation, and 1 Year after Treatment Resumption in Patients with Organic Growth Hormone Deficiency and Complete Data at All Visits

Characteristic	No.	At the end of GH treatment	At re-evaluation	One year after treatment resumption	<i>P</i> (end of GH treatment vs. at re-evaluation)	<i>P</i> (at re-evaluation vs. after 1 year)
Age, years	182	15.5±2.5	18.9±2.9	20.0±3.0	-	-
Height, cm	178	158.4±11.7	164.1±9.2	165.4±9.3	<0.001	<0.001
Weight, kg	174	56.5±13.0	65.4±15.1	67.8±15.6	<0.001	<0.001
Body mass index, kg/m ²	174	22.3±4.1	24.2±4.8	24.7±4.8	<0.001	<0.001
Height Z-score	178	-0.88±1.30	-0.67±1.46	-0.49±1.48	<0.001	<0.001
Weight Z-score	174	-0.09±1.40	0.37±1.63	0.58±1.62	<0.001	<0.001
Body mass index Z-score	174	0.40±1.41	0.79±1.64	0.95±1.65	<0.001	0.002
Overweight and/or obesity	174	57 (32.8)	84 (48.3)	101 (58.0)	<0.001	0.002
IGF-1, µg/L	145	320.1±229.8	80.6±70.6	165.9±115.5	<0.001	<0.001
IGFBP-3, µg/L	73	3,219.1±1,512.3	1,758.0±603.0	2,254.4±802.0	<0.001	<0.001
Fasting plasma glucose, mg/dL	112	92.1±11.1	87.1±11.9	93.2±22.3	<0.001	0.009
Glycated hemoglobin, %	64	5.5±0.9	5.4±0.4	5.4±0.9	0.141	0.332
Prediabetes/diabetes	56	30 (53.6)	22 (39.3)	29 (51.8)	0.096	0.118
Total cholesterol, mg/dL	128	170.5±34.6	184.3±33.7	184.2±39.0	<0.001	0.987
Triglyceride, mg/dL	65	142.3±72.8	150.6±79.2	155.7±84.4	0.452	0.569
HDL cholesterol, mg/dL	30	48.8±12.3	43.7±11.9	47.2±12.9	0.076	0.032
LDL cholesterol, mg/dL	30	103.8±30.9	121.3±40.1	113.9±34.6	0.016	0.240
Non-HDL cholesterol, mg/dL	30	131.7±26.1	144.2±38.7	139.9±38.7	0.045	0.520
Dyslipidemia	40	33 (82.5)	32 (80.0)	28 (70.0)	0.999	0.125
Lumbar spine BMD Z-score	26	-	-2.10 (-2.70 to -1.20)	-1.85 (-2.55 to -0.95)	-	0.229
Femoral neck BMD Z-score	20	-	-1.70 (-2.33 to -1.03)	-1.00 (-1.98 to -0.30)	-	0.035

Values are expressed as mean±standard deviation, number (%), or median (interquartile range).

GH, growth hormone; IGF-1, insulin-like growth factor-1; IGFBP-3, IGF-binding protein-3; HDL, high-density lipoprotein; LDL, low-density lipoprotein; BMD, bone mineral density.