

**Supplemental Table S6.** Comparison of Clinical Characteristics by the Duration of GH Treatment Interruption in Patients with Organic Growth Hormone Deficiency

Variable	At the end of GH treatment				At re-evaluation				One year after treatment resumption			
	Treatment interruption >2 years		Treatment interruption ≤2 years		Treatment interruption >2 years		Treatment interruption ≤2 years		Treatment interruption >2 years		Treatment interruption ≤2 years	
	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value
Body mass index, kg/m <sup>2</sup>	109	22.2±3.9	71	22.5±4.6	110	24.5±4.8	72	23.3±4.6	107	25.1±4.7	69	23.9±4.8
Body mass index Z-score	109	0.44±1.33	71	0.27±1.61	110	0.90±1.69	72	0.49±1.57	107	1.11±1.64	69	0.66±1.62
IGF-1, µg/L	88	321.9±247.5	62	313.9±199.5	110	68.9±49.7 <sup>a</sup>	72	94.2±86.3 <sup>a</sup>	109	164.6±103.0	67	173.8±137.7
IGFBP-3, µg/L	68	3,239.5±1,555.8 <sup>a</sup>	25	2,475.2±1,095.5 <sup>a</sup>	83	1,783.5±667.3	18	2,152.5±943.5	83	2,281.0±860.8	32	2,396.0±905.9
Fasting glucose, mg/dL	83	92.9±11.7	44	90.4±11.7	106	87.8±13.3	68	87.5±10.4	95	94.9±27.7	50	92.7±12.4
Glycated hemoglobin, %	67	5.4±0.4	55	5.4±0.9	77	5.5±0.5	36	5.3±0.5	79	5.5±0.8	59	5.4±0.9
Total cholesterol, mg/dL	90	171.2±30.6	48	167.7±40.7	108	185.8±35.5 <sup>a</sup>	68	175.1±28.9 <sup>a</sup>	105	188.3±42.1	59	175.9±34.1
Triglyceride, mg/dL	62	148.2±77.8	20	125.0±66.8	98	165.3±138.6 <sup>a</sup>	61	126.6±76.9 <sup>a</sup>	85	168.0±94.0	40	138.4±70.8
HDL cholesterol, mg/dL	29	46.9±12.0	13	48.0±13.0	57	39.9±11.5 <sup>b</sup>	54	47.1±12.6 <sup>b</sup>	47	47.9±14.1	33	48.0±11.8
LDL cholesterol, mg/dL	29	102.5±27.6	13	103.8±30.9	57	120.8±35.5 <sup>a</sup>	54	108.0±24.2 <sup>a</sup>	47	112.7±35.2	33	110.5±26.7
Non-HDL cholesterol, mg/dL	29	133.3±25.9	13	123.8±25.8	57	145.8±33.4 <sup>b</sup>	54	127.1±27.7 <sup>b</sup>	47	138.2±37.7	33	131.8±24.8
Lumbar spine BMD Z-score	-	-	-	-	53	-1.5 (-2.4 to -0.8)	6	-1.7 (-2.7 to -0.2)	30	-1.6 (-2.4 to -0.5)	7	-1.7 (-2.8 to -1.6)
Femoral neck BMD Z-score	-	-	-	-	42	-1.0 (-1.9 to -0.3)	6	-1.6 (-2.1 to 0.2)	28	-0.9 (-1.4 to -0.1)	7	-0.9 (-1.7 to 0.2)

Values are expressed as mean ± standard deviation 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.

<sup>a</sup>*P*<0.05; <sup>b</sup>*P*<0.01.