

Table 1. Baseline characteristics of Williams-Beuren syndrome (WBS) patients and controls

	WBS	Controls	P
Subjects, number	41	205	-
Male:female ratio	20:21	105:100	-
Age, yrs			
Children	9.6 ± 2.74	9.7 ± 2.93	0.861
Adults	22.4 ± 5.11	22.3 ± 5.42	0.957
Height, SDS		-	
Children	-0.7 ± 0.60	-0.1 ± 0.81	< 0.001
Adults	-0.8 ± 0.53	-0.1 ± 0.74	0.006
BMI, SDS			
Children	-0.3 ± 0.74	0.1 ± 0.62	0.001
Adults	-0.2 ± 0.62	0.2 ± 0.81	0.146
History of fracture, %	12.2	10.2	0.505
Ad-SOS, z-score	-1.4 ± 1.39	0.3 ± 1.25	< 0.001
Children	-1.2 ± 1.40	0.0 ± 0.81	< 0.001
Adults	-1.9 ± 1.27	-0.1 ± 0.89	< 0.001
BTT, z-score	-0.8 ± 1.15	0.3 ± 1.02	< 0.001
Children	-0.8 ± 1.17	0.3 ± 0.98	< 0.001
Adults	-0.9 ± 1.14	0.2 ± 0.74	< 0.001
Calcium intake, mg/day	760 ± 239	805 ± 250	0.290
Children	778 ± 252	845 ± 300	0.246
Adults	746 ± 223	789 ± 201	0.546
Vitamin D intake	163 ± 43	178 ± 47	0.059
Children	176 ± 46	194 ± 51	0.070
Adults	153 ± 40	171 ± 44	0.236
Total calcium, mmol/L	2.4 ± 0.06	2.2 ± 0.16	< 0.001
Ionised calcium, mmol/L	1.3 ± 0.14	1.1 ± 0.13	< 0.001
Phosphorus, mmol/L	1.2 ± 0.25	1.3 ± 0.22	0.010
PTH, pg/mL	51.7 ± 17.74	25.2 ± 11.07	< 0.001
BSAP, U/L	100.9 ± 29.83	103.2 ± 33.51	0.683
Osteocalcin, ng/mL	66.9 ± 28.76	91.0 ± 23.62	< 0.001
Urinary deoxypyridinoline, nM/mM creatinine	21.4 ± 10.18	40.2 ± 15.61	< 0.001
25(OH)D, ng/mL	23.7 ± 7.28	31.8 ± 13.24	< 0.001
1,25(OH)2D, pg/mL	83.2 ± 17.64	45.3 ± 22.12	< 0.001

BMI: body mass index; 25(OH)D: 25-hydroxyvitamin D; 1,25(OH)2D: 1,25-dihydroxyvitamin D; PTH: parathyroid hormone