

Supplementary Table 1 Dual-energy X-ray absorptiometry-derived parameters with insignificant difference among groups of Cushing syndrome, mild autonomous cortisol secretion and nonfunctional adrenal incidentaloma

Parameters	Cushing syndrome	MACS	NFAI	P value
BMC of rib (g)	71.886 ± 6.709	80.462 ± 6.834	75.016 ± 4.044	0.68
BMC of arm (g)	297.66 ± 14.58	311.02 ± 14.85	304.27 ± 8.78	0.83
BMC of L3 (g)	13.38 ± 1.07	14.34 ± 1.13	15.55 ± 0.66	0.24
BMC of L4 (g)	14.67 ± 1.21	14.91 ± 1.28	16.96 ± 0.74	0.19
BMC of leg (g)	743.79 ± 42.79	732.47 ± 43.59	764.29 ± 25.79	0.79
BMD of arm (g/cm ²)	0.71 ± 0.01	0.74 ± 0.02	0.74 ± 0.01	0.38
BMD of L3 (g/cm ²)	0.87 ± 0.05	0.93 ± 0.05	0.99 ± 0.03	0.14
BMD of L4 (g/cm ²)	0.913 ± 0.063	0.932 ± 0.067	1.002 ± 0.039	0.44
BMD of leg (g/cm ²)	1.093 ± 0.048	1.039 ± 0.049	1.123 ± 0.029	0.32
BA of rib (cm ²)	133.61 ± 10.28	133.15 ± 10.47	121.98 ± 6.20	0.49
BA of arm (cm ²)	414.59 ± 10.952	411.94 ± 11.15	404.97 ± 6.60	0.71

BA of L1 (cm ²)	13.01 ± 0.35	13.31 ± 0.37	13.52 ± 0.22	0.51
BA of L2 (cm ²)	14.14 ± 0.44	13.98 ± 0.47	14.48 ± 0.27	0.60
BA of L3 (cm ²)	15.25 ± 0.48	15.23 ± 0.51	15.61 ± 0.29	0.74
BA of L4 (cm ²)	16.07 ± 0.45	15.76 ± 0.48	16.89 ± 0.28	0.10
BA of leg (cm ²)	677.27 ± 18.28	698.08 ± 18.62	677.51 ± 11.02	0.62

DXA: Dual-energy X-ray absorptiometry; CS: Cushing syndrome; MACS: Mild autonomous cortisol secretion; NFAI: Nonfunctional adrenal incidentaloma; BMC: Bone mineral content; L: Lumbar vertebra; BMD: Bone mineral density; BA: Bone area.

Supplementary Table 2 Continuous glucose monitoring system- or dual-energy X-ray absorptiometry-derived parameters with insignificant correlation with cortisol after 1 mg dexamethasone suppression test

Parameters	<i>r</i> value	<i>P</i> value
CV	0.19	0.13
MAGE	0.09	0.46
BMC of rib	-0.06	0.68
BMC of arm	-0.02	0.88
BMC of L4	-0.23	0.11
BMC of leg	0.007	0.95
BMD of arm	-0.12	0.39
BMD of L4	-0.17	0.24
BMD of leg	-0.003	0.98
BA of rib	0.11	0.47
BA of arm	0.17	0.24
BA of L1	-0.17	0.23
BA of L2	-0.09	0.51

BA of L3	-0.14	0.35
BA of L4	-0.23	0.12
BA of leg	0.03	0.86

CGMS: Continuous glucose monitoring system; DXA: Dual-energy X-ray absorptiometry; CS: Cushing syndrome; MACS: Mild autonomous cortisol secretion; NFAI: Nonfunctional adrenal incidentaloma; DST: Dexamethasone suppression test; CV: Coefficient of variation; MAGE: Mean amplitude of glucose excursion; BMC: Bone mineral content; L: Lumbar vertebra; BMD: Bone mineral density; BA: Bone area.

Supplementary Table 3 Continuous glucose monitoring system- or dual-energy X-ray absorptiometry-derived parameters with insignificant correlation with 24-hour urine free cortisol

Parameters	<i>r</i> value	<i>P</i> value
CV	0.20	0.11
MAGE	0.16	0.21
BMC of rib	-0.15	0.31
BMC of arm	-0.02	0.88
BMC of L2	-0.20	0.21
BMC of L3	-0.09	0.55
BMC of L4	-0.13	0.39
BMC of leg	0.007	0.62
BMD of rib	-0.23	0.13
BMD of arm	-0.13	0.38
BMD of L2	-0.21	0.18
BMD of L3	-0.05	0.71
BMD of L4	-0.01	0.91
BMD of leg	0.07	0.62
BA of rib	-0.09	0.54

BA of arm	0.08	0.58
BA of L1	-0.22	0.15
BA of L2	-0.12	0.44
BA of L3	-0.14	0.35
BA of leg	0.03	0.82

CGMS: Continuous glucose monitoring system; DXA: Dual-energy X-ray absorptiometry; CS: Cushing syndrome; MACS: Mild autonomous cortisol secretion; NFAI: Nonfunctional adrenal incidentaloma; 24hUFC: 24-hour urine free cortisol; CV: Coefficient of variation; MAGE: Mean amplitude of glucose excursion; BMC: Bone mineral content; L: Lumbar vertebra; BMD: Bone mineral density; BA: Bone area.