Table 2. Linear multiple regression analysis model

Independent variables	B (95% CI)	Beta	P
(Constant)	-2.81 (-4.52; -1.10)		0.001
PTH status (either secondary hyperparathyroidism or functional hypoparathyroidism)	-0.28 (-0.46; -0.11)	-0.16	0.001
Age (years)	-0.01 (-0.02; 0)	-0.10	0.043
Body Mass Index (kg/m^2)	0.08 (0.06; 1.0)	0.36	<0.001
Phosphate (mg/dl)	-0.02 (-0.16; 0.11)	-0.01	0.774
Albumin-adjusted calcium (mg/dl)	-0.05 (-0.13; 0.03)	-0.06	0.216
25-hydroxyvitamin D (ng/ml)	0.01 (-0.02; 0.04)	0.03	0.442
Estimated GFR (ml/min)	-0.003 (-0.01; 0.00)	-0.08	0.079
Magnesium (mg/dl)	0.001 (-0.01; 0.01)	0.01	0.895

The dependent variable was femoral bone mineral density expressed as a T-score. The independent variables were those listed in the Table. For each independent variable, unstandardized B coefficients with 95% confidence intervals, standardized Beta coefficients, and P values are shown. Secondary hyperparathyroidism was conventionally attributed a value of 1 (functional hypoparathyroidism was conventionally attributed a value of 0). $R^2 = 0.18$; $F = 11.0$; $p<0.001$.

Table 3. Binary logistic regression analysis model

	Odds Ratio and 95% CI	P
PTH status (either secondary hyperparathyroidism or functional hypoparathyroidism)	1.81 (1.11 - 2.95)	0.017
Age	1.02 (0.99 - 1.05)	0.143
Body Mass Index	0.86 (0.81 - 0.91)	<0.001
Phosphate (mg/dl)	1.12 (0.77 - 1.64)	0.547
Albumin-adjusted calcium (mg/dl)	1.15 (0.92 - 1.44)	0.212
25-hydroxyvitamin D	0.98 (0.91 - 1.05)	0.583
Estimated GFR	1.01 (0.99 - 1.02)	0.093
Magnesium	0.99 (0.97 - 1.02)	0.595

The dependent variable was the presence of a low T-score (T-score < -2.5 at femoral neck assessment of bone mineral density) that was conventionally attributed a value of 1 (a T-score higher than -2.5 was conventionally attributed a value of 0). The independent variables included in the regression model are listed in the Table. Secondary hyperparathyroidism was conventionally attributed a value of 1 (functional hypoparathyroidism was conventionally attributed a value of 0). The full model was statistically significant ($\chi^2 = 45.7$; df=8; $P<0.001$).