

Table 5 (Supplemental). Mineral Metabolism by GFR Group

	GFR \geq 70 ml/ min/1.73 m ²	GFR 60-69 ml/ min/1.73 m ²	GFR 50-59 ml/ min/1.73 m ²	GFR 40-49 ml/ min/1.73 m ²	GFR 30-29 ml/ min/1.73 m ²	GFR 20-29 ml/ min/1.73 m ²	GFR <20 ml/ min/1.73 m ²
Number	54	49	74	103	95	83	6
Serum calcium, mg/dl	9.5 \pm 0.4	9.4 \pm 0.4	9.4 \pm 0.3	9.4 \pm 0.4	9.4 \pm 0.4	9.3 \pm 0.5	9.5 \pm 0.2
Serum phosphorus, mg/dl	4.5 \pm 0.8	4.2 \pm 0.5	4.3 \pm 0.7	4.5 \pm 0.7	4.7 \pm 0.8	4.9 \pm 1.0	5.2 \pm 0.6
Serum phosphorus z-score	-0.2 \pm 1.3	-0.7 \pm 1.0 ^a	-0.5 \pm 1.3 ^a	0.1 \pm 1.3	0.3 \pm 1.5	0.9 \pm 1.9 ^a	1.4 \pm 0.9 ^a
Serum iPTH, pg/ml	36 [26, 50]	40 [26, 55]	45 [26, 67]	54 [31, 74] ^b	65 [40, 111] ^b	73 [45, 181] ^b	141 [95, 614] ^b
Plasma FGF23, RU/ml	86 [62, 104]	111 [80, 165] ^b	118 [92, 176] ^b	123 [89, 169] ^b	172 [114, 246] ^b	221 [147, 460] ^b	313 [208, 993] ^b
Serum 25OHD, ng/ml ^c	27 \pm 11	26 \pm 10	27 \pm 12	29 \pm 13	26 \pm 11	25 \pm 12	34 \pm 21
Serum 1,25(OH) ₂ D, pg/ml ^c	35 \pm 10	32 \pm 11	32 \pm 10	32 \pm 11	29 \pm 12 ^b	25 \pm 10 ^b	27 \pm 12

Data are means \pm SD or medians [25th, 75th percentile]. Differences between GFR groups and the reference group (GFR \geq 70 ml/min/1.73 m²) were tested using Kruskal-Wallis ANOVA. Analyses of FGF23 and PTH were performed using log-transformed values.

^a P<0.001 versus corresponding mean of healthy control population³¹

^b P <0.05 versus GFR \geq 70 ml/min/1.73 m² (reference group)

^c 25OHD and 1,25(OH)₂D were measured in 376 participants.