

Supplemental Table 1. Baseline Characteristics of Study Participants by Quartiles of Baseline Serum 1,25(OH)₂D Levels

1,25(OH) ₂ D levels (pg/mL)	Q1 <2.8 n=335	Q2 2.8-6.3 n=335	Q3 6.3-14.4 n=335	Q4 >14.4 n=335	<i>P</i> value for trend
Age; years	58 (13)	58 (14)	56 (15)	58 (14)	0.12
Female; N	220 (65.7)	178 (53.0)	159 (47.6)	181 (54.0)	<0.001
Black; N	213 (63.6)	195 (58.0)	203 (60.8)	247 (73.7)	<0.001
Dialysis duration; years	2.5 [1.4-4.7]	2.7 [1.4-4.9]	2.8 [1.4-5.0]	3.0 [1.5-6.1]	0.21
Diabetes; N	163 (48.7)	149 (44.4)	160 (47.9)	115 (34.3)	<0.001
CVD; N	271 (80.9)	279 (83.0)	248 (74.2)	258 (77.0)	0.03
Catheter use; N	23 (6.9)	23 (6.9)	13 (3.9)	13 (3.9)	0.12
Current smoking; N	159 (47.5)	168 (50.2)	184 (55.1)	165(49.2)	0.23
High-Kt/V assignment; N	171 (51.0)	149 (44.4)	159 (47.6)	190 (56.7)	0.01
High-flux assignment; N	176 (52.5)	160 (47.6)	161 (48.2)	177 (52.8)	0.38
Serum albumin; mg/dL	3.6 (0.4)	3.6 (0.4)	3.6 (0.4)	3.6 (0.4)	0.35
Serum calcium; mg/dL	9.2 (1.0)	9.2 (0.9)	9.3(0.9)	9.5 (1.0)	0.002
Serum phosphorus; mg/dL	5.9 (1.9)	5.8 (1.9)	5.9 (1.9)	5.5 (1.7)	0.04
Serum 25(OH)D; ng/mL	15 [12-19]	21 [16-27]	21 [15-35]	21 [16-29]	<0.001
Serum iPTH; pg/mL	170 [69-402]	162 [76-394]	192 [87-436]	243 [117-483]	0.01
Serum FGF23; pg/mL	2684 [816-10671]	2493 [529-10968]	3362 [721-14535]	4371 [900-16886]	0.005
Serum hs-CRP; mg/L	6.1 [2.6-14.2]	5.7 [2.4-16.1]	5.3 [2.6-14.8]	6.8 [2.8-14.9]	0.77
Serum IL-6; pg/mL	2.9 [1.6-7.1]	3.2 [1.7-7.4]	3.0 [1.7-6.8]	3.2 [1.6-5.9]	0.37
Serum TNF- α ; pg/mL	29.0 [18.9-43.4]	30.6 [19.7-45.4]	30.1 [21.8-42.1]	29.2 [17.9-45.4]	0.34
Serum IFN- δ ; pg/mL	1.4 [1.1-1.9]	1.4 [1.1-2.0]	1.5 [1.1-2.2]	1.5 [1.1-2.1]	0.12
Vitamin D analogues administration; %	89 (26.6)	119 (35.4)	223 (66.8)	289 (86.3)	<0.001

Data are presented as N (%), mean (SD) or median [IQR]. Abbreviations: CVD= cardiovascular disease; 25(OH)D=25-hydroxyvitamin D; 1,25(OH)₂D=1,25-dihydroxyvitamin D; iPTH=intact parathyroid hormone; FGF23=fibroblast growth factor 23; hs-CRP=high-sensitivity C-reactive protein; IL-6=interleukin-6; TNF- α =tumor necrosis factor α ; IFN- γ =interferon- γ .

Supplemental Figure 1

