

S1 Table. Baseline characteristics of patients at study enrollment stratified by cinacalcet use status and iPTH levels.

	iPTH < 200 pg/mL		200 ≤ iPTH < 300 pg/mL		300 ≤ iPTH < 500 pg/mL		iPTH ≥ 500 pg/mL		Overall		P value ^a
	Never Users	Ever Users	Never Users	Ever Users	Never Users	Ever Users	Never Users	Ever Users	Never Users	Ever Users	
Number of patients	631	250	693	374	404	420	164	340	1,892	1,384	-
Age (mean [SD])	64.2 (12.8)	58.7 (12.4)	64.5 (12.8)	59.4 (11.6)	64.0 (13.3)	59.1 (11.9)	62.6 (12.4)	58.3 (11.4)	64.1 (12.9)	58.9 (11.8)	<0.001
Male (%)	60.9	66.8	65.7	57.2	62.6	56.0	57.9	62.4	62.7	59.8	0.098
Primary Disease (%)											<0.001
Chronic Glomerulonephritis	38.0	52.4	36.5	48.7	36.9	53.1	56.7	58.5	38.8	53.1	
Diabetic Nephropathy	33.6	17.2	32.5	19.5	26.5	16.0	16.5	11.2	30.2	16.0	
Dialysis vintage, years (median [IQR])	5.5 (2.5, 10.8)	9.2 (5.5, 15.6)	5.1 (2.4, 10.7)	10.0 (6.4, 15.1)	5.9 (2.5, 11.0)	11.4 (7.3, 17.5)	9.5 (5.5, 14.9)	12.7 (8.2, 19.1)	5.8 (2.5, 11.4)	11.0 (6.8, 16.8)	<0.001
BMI, kg/m² (mean [SD])	21.2 (3.6)	21.5 (3.1)	21.4 (3.8)	21.3 (3.1)	21.3 (4.1)	21.6 (3.6)	20.9 (3.2)	21.4 (3.4)	21.3 (3.8)	21.5 (3.3)	0.177
Coronary Artery Disease (%)	27.7	23.1	28.2	23.6	25.2	22.8	29.3	21.1	27.5	22.7	0.002
Congestive Heart Failure (%)	9.0	10.2	9.4	6.0	9.9	4.8	7.5	5.1	9.2	6.2	0.002
Peripheral Vascular Disease (%)	21.3	17.9	20.2	17.2	19.5	17.3	20.5	16.4	20.5	17.2	0.021
Diabetes Mellitus (%)	41.7	24.2	40.9	26.3	36.0	22.2	26.4	13.9	38.9	21.6	<0.001
History of parathyroidectomy (%)	4.1	4.9	4.6	6.9	3.1	10.2	10.8	10.0	4.7	8.3	<0.001
Laboratory data											
iPTH, pg/mL (median [IQR])	143.0 (88.0, 185.0)	157.5 (117.9, 184.0)	240.0 (217.0, 265.2)	251.0 (227.8, 276.0)	361.5 (326.0, 408.2)	382.5 (345.1, 430.0)	680.5 (565.8, 888.3)	696.1 (573.8, 889.2)	236.3 (185.0, 324.0)	327.0 (228.5, 495.5)	<0.001
Calcium, mg/dL (mean [SD])	9.4 (0.8)	10.1 (0.7)	9.0 (0.8)	9.9 (0.7)	9.0 (0.8)	9.8 (0.7)	9.3 (1.0)	9.8 (0.8)	9.1 (0.8)	9.9 (0.7)	<0.001
Phosphate, mg/dL (mean [SD])	5.2 (1.3)	5.4 (1.2)	5.2 (1.3)	5.5 (1.2)	5.6 (1.4)	5.9 (1.3)	6.0 (1.6)	6.2 (1.5)	5.4 (1.4)	5.8 (1.3)	<0.001
Albumin, g/dL (mean [SD])	3.7 (0.4)	3.8 (0.4)	3.7 (0.4)	3.8 (0.4)	3.7 (0.4)	3.8 (0.4)	3.7 (0.4)	3.8 (0.4)	3.7 (0.4)	3.8 (0.4)	<0.001
Kt/V (mean [SD])	1.4 (0.3)	1.5 (0.3)	1.4 (0.3)	1.5 (0.3)	1.4 (0.3)	1.5 (0.3)	1.5 (0.3)	1.4 (0.3)	1.4 (0.3)	1.5 (0.3)	<0.001
Dialysate Calcium, mEq/L (mean [SD])	2.7 (0.2)	2.8 (0.2)	2.8 (0.2)	2.8 (0.2)	2.8 (0.2)	2.8 (0.3)	2.8 (0.3)	2.8 (0.3)	2.8 (0.2)	2.8 (0.2)	0.004
Vitamin D Receptor Agonist (%)											<0.001
Both	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.1	0.1	
Intravenous Only	54.5	67.6	26.3	52.1	28.7	61.4	53.7	71.5	38.6	62.5	
Oral Only	32.5	22.4	39.7	32.4	37.1	17.4	22.0	7.1	35.2	19.8	
Phosphate Binder (%)											<0.001
Both	20.4	37.6	17.1	29.9	19.6	26.2	22.6	24.8	19.2	28.9	
Non-Calcium-based Only	9.8	17.6	9.7	24.9	8.2	31.9	24.4	38.1	10.7	28.9	
Calcium-based Only	54.7	37.6	52.4	35.8	51.0	32.6	32.9	28.0	51.2	33.3	
Number of hospitalization (%)											
All-cause	62.4	57.6	63.6	57.5	67.6	57.4	70.7	62.6	64.7	58.7	0.001
Cardiovascular-Related	19.5	19.2	24.0	22.2	28.7	19.5	28.0	25.0	23.8	21.5	0.131
Infection-Related	12.5	6.4	15.0	12.8	18.8	11.7	9.8	9.7	14.5	10.5	0.001
Vascular Access-Related	14.1	13.6	13.3	15.8	14.6	13.8	10.4	13.8	13.6	14.3	0.589

BMI, body mass index; iPTH, intact parathyroid hormone; IQR, interquartile range; SD, standard deviation

^aDifferences were evaluated by unpaired t-test or Mann-Whitney U-test for continuous variables and by chi-square test for categorical variables.