

Table S3. Baseline Characteristics and Comorbidity in Stage 3-5 NDD-CKD Patients by Stage, 20% Medicare and Commercially Insured (MarketScan) Datasets

Characteristics	Medicare						Commercially Insured					
	Anemia, CKD Stage			Non-Anemia, CKD Stage			Anemia, CKD Stage			Non-Anemia, CKD Stage		
	3	4	5	3	4	5	3	4	5	3	4	5
<i>n</i> of patients	69,209	28,547	11,495	88,502	16,023	4,303	9,519	3,713	2,484	33,068	5,281	2,123
Age, years												
18-44	---	---	---	---	---	---	9.8	10.7	15.9	11.5	14.0	18.3
45-54	---	---	---	---	---	---	23.4	24.5	25.0	24.7	25.8	28.5
55-59	---	---	---	---	---	---	29.0	26.7	28.2	27.9	26.5	25.6
60-63	---	---	---	---	---	---	37.9	38.1	30.9	35.8	33.8	27.6
66-69	14.0	13.0	18.1	17.9	15.5	21.7	---	---	---	---	---	---
70-74	23.3	22.3	23.8	26.5	23.9	26.1	---	---	---	---	---	---
75-79	27.3	26.9	26.4	27.0	27.4	26.3	---	---	---	---	---	---
80-84	35.4	37.8	31.7	28.5	33.2	26.0	---	---	---	---	---	---
Sex												
Men	46.7	44.2	49.1	52.4	52.0	57.6	47.4	46.0	52.8	60.1	59.7	60.4
Women	53.3	55.8	50.9	47.6	48.0	42.4	52.6	54.0	47.2	39.9	40.3	39.6
Race*												
White	81.6	79.9	72.8	84.7	84.1	75.9	---	---	---	---	---	---
Black	13.0	14.1	19.3	9.8	10.5	17.0	---	---	---	---	---	---
Other	5.4	6.0	7.9	5.5	5.4	7.0	---	---	---	---	---	---
Comorbid conditions												
ASHD	51.0	53.5	56.7	35.3	40.7	41.8	23.0	24.3	24.6	13.5	16.2	15.3
CHF	37.0	44.8	50.6	18.5	26.7	28.8	19.2	24.3	25.6	8.2	12.5	13.4
CVA/TIA	23.2	23.1	27.3	13.8	15.2	18.4	9.8	9.8	11.1	4.5	5.5	6.2
PVD	34.1	36.2	42.9	20.1	24.9	27.6	18.3	18.9	22.2	7.1	8.6	11.4
Cardiac (other)	34.6	35.6	41.0	18.3	19.9	22.8	22.7	22.8	27.4	9.2	10.4	15.1
COPD	33.2	33.7	37.6	19.9	22.1	25.8	16.4	13.5	16.3	7.8	8.0	9.3
GI bleeding	12.3	12.2	15.8	1.8	1.8	3.0	8.5	7.9	12.0	1.3	1.1	3.7
Liver disease	3.6	3.4	5.7	1.5	1.3	2.6	6.6	5.1	12.1	2.3	2.3	6.0
Dysrhythmia	42.9	44.0	48.3	27.2	31.5	32.7	19.0	18.9	22.2	9.2	10.3	12.4
Cancer	21.2	19.6	19.7	13.6	13.5	13.5	15.1	13.2	12.2	7.9	6.8	6.4
Diabetes	56.3	62.1	65.0	49.1	55.3	54.3	51.3	56.5	50.7	39.2	46.0	41.0

Hypertension	95.9	97.4	97.4	92.6	94.9	92.0	84.1	87.5	87.1	73.1	77.6	75.1
Inflammatory conditions												
Glomerulonephritis	4.3	8.4	10.3	2.4	4.2	3.7	6.4	9.6	10.6	3.5	6.0	4.1
Chronic infections	1.9	1.8	2.8	0.6	0.8	0.9	3.8	4.0	4.5	1.2	1.2	2.0
Crohn's disease	0.7	0.8	0.9	0.3	0.3	0.3	1.4	1.1	1.1	0.5	0.6	0.7
Ulcerative colitis	0.9	0.7	0.9	0.4	0.3	0.3	1.2	0.8	1.2	0.4	0.4	0.3
Hepatitis C	0.6	0.6	1.3	0.3	0.4	1.0	2.1	1.6	3.9	0.8	1.1	2.7
Gout	14.1	20.2	20.3	10.7	15.0	12.9	9.3	10.7	9.5	7.7	9.7	7.5
Rheumatoid arthritis	5.3	4.8	4.9	2.6	2.3	1.9	3.7	2.7	1.7	1.9	1.5	1.6

ASHD, atherosclerotic heart disease; CHF, congestive heart failure; CKD, chronic kidney disease; COPD, chronic obstructive pulmonary disease; CVA/TIA, cerebrovascular accident/transient ischemic attack; GI, gastrointestinal; NDD, non-dialysis-dependent; PVD, peripheral vascular disease.

\*Race variable is not available in the MarketScan database.