

Supplementary Table 1. Baseline characteristics and outcomes according to the Mayo Clinic image classification

Variable	Total (n = 108)	Total except for Class 1B (n = 107)	Class 1C (n = 36)	Class 1D (n = 37)	Class 1E (n = 34)	p-value
Age (yr)	38.6 ± 8.5	38.5 ± 8.5	41 ± 7.4	41.4 ± 7.7	32.7 ± 7.6	<0.001
Male sex	62 (57.4)	62 (57.9)	13 (36.1)	19 (51.4)	30 (88.2)	<0.001
Height (m)	1.7 ± 0.1	1.7 ± 0.1	1.7 ± 0.1	1.7 ± 0.1	1.8 ± 0.1	<0.001
Weight (kg)	73.1 ± 16	73.2 ± 16	66.7 ± 12.7	72 ± 14.9	81.3 ± 17.3	<0.001
Systolic blood pressure (mmHg)	129.4 ± 14.8	129.5 ± 14.8	127.2 ± 14.0	130.9 ± 16.5	130.5 ± 13.8	0.51
Diastolic blood pressure (mmHg)	84.0 ± 11.4	84.1 ± 11.4	81.4 ± 10.8	84.9 ± 11.4	85.9 ± 11.8	0.24
eGFRCKD-EPI (mL/min/1.73 m ²)	80.3 ± 27.6	80.5 ± 27.7	89.5 ± 21.8	71.3 ± 28.7	81.0 ± 29.6	0.02
Urine osmolality (mOsm/kg)	436 ± 182	435 ± 183	431 ± 206	449 ± 146	425 ± 197	0.84
Baseline htTKV (mL)	1,214 ± 629	1,221 ± 627	729 ± 254	1,295 ± 519	1,663 ± 657	<0.001
CKD stage						0.10
Stage 1	46 (42.6)	46 (43.0)	19 (52.8)	13 (35.1)	14 (41.2)	
Stage 2	31 (28.7)	30 (28.0)	12 (33.3)	8 (21.6)	10 (29.4)	
Stage 3	31 (28.7)	31 (29.0)	5 (13.9)	16 (43.2)	10 (29.4)	
Weight-adjusted dose (mg/kg)	1.0 ± 0.2	1.0 ± 0.2	1.1 ± 0.2	1.0 ± 0.2	1.0 ± 0.2	0.002
Change of urine osmolality	-264 ± 204	-263 ± 204	-253 ± 227	-266 ± 189	-270 ± 200	0.94
Change of eGFR (%)	-7.8 ± 9.7	-7.9 ± 9.8	-9.6 ± 10.5	-6.3 ± 11.3	-7.9 ± 6.7	0.37
Change of htTKV (%)	-1.7 ± 3.5	-1.6 ± 3.5	-1.6 ± 3.7	-2.2 ± 2.9	-1.1 ± 4.0	0.45

Data are expressed as mean ± standard deviation or number (%).

eGFR, estimated glomerular filtration rate; CKD-EPI, the Chronic Kidney Disease Epidemiology Collaboration; CKD, chronic kidney disease; htTKV, height-adjusted total kidney volume.