

Supplementary Table 1. Baseline characteristics according to the type of National Health Insurance service

Characteristic	Medical Aid	Medical Insurance	P value
Number	46	363	
Age, yr	64.5 (54.8–71.3)	67.0 (60.0–73.0)	0.037
Male sex	20 (43.5)	174 (47.9)	0.569
Body mass index, kg/m ²	26.7 (24.2–29.2)	24.4 (22.7–27.1)	0.002
Duration of diabetes, yr	17.9±7.5	19.4±8.2	0.245
Systolic blood pressure, mm Hg	128.2±15.2	128.6±14.8	0.862
Diastolic blood pressure, mm Hg	74.4±12.9	72.1±10.3	0.255
HbA1c, %	9.2±1.9	8.4±1.2	0.014
Fasting serum glucose, mg/dL	161 (126–194)	134 (103–168)	0.003
Fasting C-peptide, ng/mL	1.2 (0.8–2.5)	1.6 (0.9–2.4)	0.775
Urine albumin to creatinine ratio	35.8 (15.2–135.7)	38.1 (12.2–213.1)	0.878
BUN, mg/dL	16 (12–24)	17 (14–22)	0.910
Creatinine, mg/dL	0.9 (0.7–1.2)	0.9 (0.7–1.2)	0.623
Estimated GFR, mL/min/1.73 m ²	71.0±30.3	71.5±27.5	0.913
AST, IU/L	21 (16–31)	23 (19–30)	0.105
ALT, IU/L	19 (14–28)	22 (16–32)	0.093
Total cholesterol, mg/dL	153 (137–171)	145 (127–165)	0.089
Triglyceride, mg/dL	130 (94–189)	122 (90–167)	0.374
HDL-C, mg/dL	46 (35–51)	43 (37–52)	0.717
LDL-C, mg/dL	85 (70–101)	78 (64–93)	0.076
Hypertension	40 (87.0)	284 (78.2)	0.170
History of CAD	5 (10.9)	40 (11.0)	0.976
History of CVA	3 (6.5)	22 (6.1)	0.752
Diabetic retinopathy	33/41 (80.5)	171/270 (63.3)	0.031
Non-proliferative	20/41 (48.8)	111/270 (41.1)	0.086
Proliferative	13/41 (31.7)	60/270 (22.2)	
Diabetic nephropathy	31/46 (67.4)	205/362 (56.6)	0.164
Microalbuminuria	16/43 (37.2)	107/350 (30.6)	
Overt proteinuria	9/43 (20.9)	75/350 (21.4)	
CKD stage 3	16/46 (34.8)	82/362 (22.7)	
CKD stage 4–5	4/46 (8.7)	34/362 (9.4)	
Duration of insulin treatment, yr			0.595
1–5	12 (26.1)	82 (22.6)	
>5	34 (73.9)	281 (77.4)	
Daily dose of insulin, IU	43 (30–64)	32 (22–50)	0.009
Duration of diabetes ≥20 yr	21/45 (46.7)	183/358 (51.1)	0.574
Baseline HbA1c >8.2%	25 (54.3)	174 (47.9)	0.412
Presence of hypoglycemia	3/46 (6.5)	43/360 (11.9)	0.275
<1/mo	0/46 (0.0)	13/360 (3.6)	
1–3/mo	3/46 (6.5)	28/360 (7.8)	
>3/mo	0/46 (0.0)	2/360 (0.6)	
Use of antihypertensive drug	40 (87.0)	268 (73.8)	0.052
Use of statin	36 (78.3)	295 (81.3)	0.625

Values are presented as median (interquartile range), number (%), or mean ± standard deviation.

HbA1c, glycosylated hemoglobin; BUN, blood urea nitrogen; GFR, glomerular filtration rate; AST, aspartate transferase; ALT, alanine transferase; HDL-C, high density lipoprotein cholesterol; LDL-C, low density lipoprotein cholesterol; CAD, coronary artery disease; CVA, cerebrovascular accident; CKD, chronic kidney disease.