

Online Appendix Table A1. Characteristics of subjects with and without diabetic peripheral neuropathy

	Without neuropathy	With neuropathy	<i>P</i>
N	604	127	
Age (years)	57.0 ± 11.1	59.8 ± 11.5	0.010
Gender (male %)	51.3	45.7	0.247
Duration of diabetes (years)	8.9 ± 8.3	12.6 ± 10.1	<0.001
Height (cm)	162.5 ± 8.6	161.2 ± 8.7	0.148
BMI (kg/m ²)	24.6 ± 3.3	23.7 ± 3.3	0.009
Waist circumference (cm)	86.0 ± 9.0	85.2 ± 8.4	0.406
HbA1c (%)	8.0 ± 2.0	8.0 ± 2.0	0.953
Fasting glucose (mg/dL)	148.9 ± 59.5	145.7 ± 65.7	0.588
Total cholesterol (mg/dL)	168.7 ± 37.8	165.2 ± 40.0	0.353
Triglyceride (mg/dL)	135.9 ± 90.7	136.5 ± 88.7	0.942
HDL cholesterol (mg/dL)	51.8 ± 13.9	47.5 ± 10.5	<0.001
LDL cholesterol (mg/dL)	89.6 ± 33.4	90.6 ± 33.1	0.768
Systolic BP (mmHg)	131.7 ± 17.8	135.4 ± 17.5	0.034
Diastolic BP (mmHg)	83.0 ± 10.1	83.8 ± 8.7	0.361
Pulse pressure (mmHg)	48.7 ± 12.4	51.6 ± 13.9	0.020
GFR (mL/min per 1.73 m ²)	82.6 ± 21.6	77.1 ± 24.3	0.012
Hyperlipidemia (%)	81.6	81.1	0.891
CVD (%)	7.8	13.4	0.042
Current smokers (%)	5.2	5.5	0.912
Antihypertensive drugs	53.0	52.8	0.963

ACEI/ARB	45.4	38.6	0.162
Calcium channel blocker	22.7	18.9	0.350
Beta blocker	10.9	9.5	0.624
Insulin therapy (%)	37.4	44.1	0.160
Autonomic neuropathy (%)	20.9	25.0	0.324
Normo-/micro-/macroalbuminuria (%)	74.7/19.5/5.8	59.8/21.6/18.6	<0.001
Retinopathy (%) (no/simple/proliferative)	74.4/16.1/9.5	53.4/27.1/19.5	<0.001

Data are means±SD or percentage. BMI, body mass index; HDL, high-density lipoprotein; LDL, low-density lipoprotein; BP, blood pressure; GFR, glomerular filtration rate; CVD, cardiovascular disease; ACEI/ARB, angiotensin-converting enzyme inhibitor/angiotensin II receptor blocker.

Online Appendix Table A2. Odds ratios (ORs) and 95% confidence intervals (CIs) for abnormal cardio-ankle vascular index (CAVI) in all subjects with diabetic peripheral neuropathy (DPN) and stratified according to categorized age, body mass index (BMI), diabetes duration, or hypertension.

	<i>n</i>	DPN (%)	Unadjusted		Multivariate adjusted*	
			OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>
Total	731	17.4	2.96 (1.95–4.50)	<0.001	2.54 (1.52–4.26)	<0.001
Age						
< 58 years	346	12.1	2.81 (1.04–7.60)	0.041	4.51 (1.31–15.58)	0.017
≥ 58 years	385	22.1	2.44 (1.49–4.00)	<0.001	2.26 (1.27–4.02)	0.006
BMI						
< 25 kg/m ²	426	18.5	2.90 (1.72–4.89)	<0.001	2.52 (1.32–4.82)	0.005
≥ 25 kg/m ²	305	15.7	2.98 (1.47–6.06)	0.003	2.96 (1.14–7.67)	0.026
Duration						
< 6 years	292	12.3	4.07 (1.79–9.24)	0.001	3.69 (1.20–11.32)	0.022
≥ 6 years	439	20.7	2.38 (1.46–3.90)	0.001	2.34 (1.29–4.24)	0.005
Hypertension						
No	301	16.0	2.91 (1.35–6.28)	0.007	3.24 (1.17–8.97)	0.024
Yes	430	18.4	2.98 (1.78–4.97)	<0.001	2.39 (1.29–4.45)	0.006

*Adjusted for age, gender, diabetes duration, body mass index, glycosylated hemoglobin, pulse pressure, glomerular filtration rate, hyperlipidemia, cardiovascular disease, and autonomic neuropathy.

An abnormal CAVI was defined as the highest quintile.