

**Supplementary Table 1.** Clinical, biochemical and electrocardiographic characteristics of patients with type 2 diabetes stratified by presence or absence of any cardiac conduction defect on standard ECGs.

	<b>Without conduction defects (n=670)</b>	<b>With conduction defects (n=253)</b>	<b>P value</b>
Age (years)	63.1 ± 13	70.0 ± 11	<0.001
Sex (male) (%)	53.7	62.8	<0.05
Weight (kg)	83 ± 22	84 ± 21	0.81
BMI (kg/m <sup>2</sup> )	30.3 ± 7.1	30.3 ± 6.5	0.96
Current smokers (%), n=282	53.4	41.3	0.10
Duration of diabetes (years)	11 (5-20)	15 (7-25)	<0.001
Systolic blood pressure (mmHg)	140 ± 19	142 ± 20	0.42
Diastolic blood pressure (mmHg)	81 ± 11	79 ± 12	0.10
Hypertension (%)	78.0	83.0	0.09
Fasting glucose (mg/dl)	200 ± 123	193 ± 130	0.42
HbA1c (%)	9.9 ± 2.7	9.3 ± 2.6	<0.05
Total cholesterol (mg/dl)	178 ± 52	164 ± 48	<0.001
LDL-cholesterol (mg/dl)	101 ± 42	89 ± 37	<0.001
HDL-cholesterol (mg/dl)	42 ± 15	41 ± 14	0.30
Triglycerides (mg/dl)	149 (106-203)	139 (95-196)	0.24
ALT (U/l)	23 (16-36)	20 (14-32)	0.06
Sodium (mmol/l)	138 ± 3.7	139 ± 3.8	0.28
Potassium (mmol/l)	4.1 ± 0.5	4.2 ± 0.6	0.61
Calcium (mg/dl)	9.1 ± 0.5	9.0 ± 0.5	0.67
Uric Acid (mg/dl)	4.9 ± 1.8	5.9 ± 1.9	<0.05
Creatinine (mg/dl)	1.0 ± 0.6	1.4 ± 0.9	<0.001
eGFR <sub>CKD-EPI</sub> (ml/min/1.72 m <sup>2</sup> )	73.8 ± 26	61.3 ± 26	<0.001
CKD stage 1 (%)	31.3	15.0	<0.001
CKD stage 2 (%)	37.6	34.4	<0.001
CKD stage 3 (%)	25.8	38.7	<0.001
CKD stages 4-5 (%)	5.3	11.9	<0.001
Abnormal albuminuria (%)	38.2	49.4	<0.01
IHD (%)	17.3	27.3	<0.05
Mild-moderate VHD (%)	5.9	12.6	<0.05
COPD (%)	4.8	7.1	0.16
Diabetic retinopathy (%), any degree	38.8	49.6	<0.05
Peripheral sensory neuropathy (%)	27.2	32.2	0.14
Peripheral artery disease (%)	45.9	65.1	<0.01
Insulin users (%)	69.8	73.5	0.27
Metformin users (%)	40.3	33.6	0.07
Sulfonylurea users (%)	20.0	20.9	0.75
Incretin users (%)	7.8	8.7	0.64
ACE-inhibitor users (%)	50.6	51.8	0.75
ARB users (%)	20.9	22.5	0.59

Beta-blocker users (%)	28.9	32.4	0.31
Dihydropyridine CCB users (%)	28.8	41.1	<0.05
Diuretic users (%)	41.8	61.7	<0.05
Antiplatelet drug users (%)	55.5	75.1	<0.05
Anticoagulant drug users (%)	4.3	9.5	<0.05
Nitrate drug users (%)	9.4	16.2	<0.05
Statin users (%)	54.3	62.4	<0.05
Fibrate users (%)	3.9	2.8	0.42
Allopurinol (%)	9.1	12.2	0.16
<b>Electrocardiographic findings</b>			
Heart rate (bpm)	76.4 ± 13	74.6 ± 13	0.11
PR interval (ms)	158.4 ± 22	196.4 ± 45	<0.001
QRS interval (ms)	90.9 ± 14	113.9 ± 25	<0.001
QTc interval (ms)	432.3 ± 26	446.2 ± 49	<0.001

Sample size,  $n=923$  except where indicated. Data are expressed as means±SD, medians and IQR (in parenthesis) or percentages.

Differences between the two groups were tested by the chi-squared test for categorical variables, T-test student for normally distributed continuous variables and the Mann-Whitney U test for non-normally distributed variables (*i.e.*, diabetes duration, serum triglyceride and ALT levels). Abnormal albuminuria was defined as urinary ACR  $\geq 30$  mg/g. Hypertension was defined as blood pressure  $\geq 140/90$  mmHg or use of any anti-hypertensive agents.

**Abbreviations:** ACE, angiotensin-converting-enzyme; ALT, alanine aminotransferase; ARB, angiotensin II receptor blocker; BMI, body mass index; CCB, calcium channel blocker; CKD, chronic kidney disease; COPD, chronic obstructive pulmonary disease; eGFR, estimated glomerular filtration rate; IHD, ischemic heart disease; VHD, valvular heart disease.