

Online-Appendix Table A1: Baseline characteristics given in mean (SD) or percentages between groups of no vs. gradus 1-3 thoracoabdominal calcifications in type 2 diabetic (n=833) and in nondiabetic subjects (n=1292).

	Type 2 Diabetic Subjects			Nondiabetic Subjects		
	No calcification (Grade 0)	Calcification (Grade 1-3)	<i>P</i>	No calcification (Grade 0)	Calcification (Grade 1-3)	<i>P</i>
Age (years)	55.7 (5.8)	58.6 (4.5)	<0.001	52.8 (5.2)	56.2 (5.4)	<0.001
Gender (% of male)	48.9%	52.2%	0.399	37.7%	51.3%	<0.001
Hypertension (%)	52.3%	65.3%	0.001	26.2%	36.6%	<0.001
Current smoking (%)	15.6%	17.1%	0.600	14.5%	23.1%	<0.001
Systolic blood pressure (mmHg)	147 (20)	155 (24)	<0.001	138 (20)	144 (21)	<0.001
Diastolic blood pressure (mmHg)	85 (11)	86 (12)	0.309	83 (10)	85 (11)	0.001
Pulse pressure (mmHg)	61 (17)	69 (21)	<0.001	55 (16)	58 (16)	<0.001
BMI (kg/m ²)	29 (6)	29 (5)	0.638	26 (4)	27 (4)	0.015
Total cholesterol (mmol/l)	6.7 (1.9)	6.7 (1.6)	0.885	6.6 (1.3)	6.9 (1.3)	<0.001
HDL cholesterol (mmol/l)	1.26 (0.35)	1.23 (0.37)	0.267	1.52 (0.37)	1.49 (0.40)	0.108
Triglycerides (mmol/l)*	2.52 (3.31)	2.48 (2.66)	0.631	1.31 (0.62)	1.48 (0.75)	<0.001
Estimated glomerular filtration rate (ml/min)†	101 (30)	98 (28)	0.305	89 (20)	90 (22)	0.504
Fasting glucose (mmol/l)	11.5 (3.8)	11.7 (3.8)	0.490	5.4 (0.6)	5.5 (0.7)	0.020
GhbA ₁ (%)‡	9.9 (2.6)	9.9 (2.1)	0.741	-	-	-
Diabetes duration (years)	7.9 (3.9)	8.0 (4.0)	0.931	-	-	-
hs-CRP§ > 3 mg/l (%)	26.8%	35.6%	0.021	16.6%	20.6%	0.088
ApoB/ApoA1	1.5 (0.5)	1.6 (0.5)	0.022	1.4 (0.4)	1.5 (0.4)	<0.001
Urinary protein (g/l)*	0.22 (0.41)	0.29 (0.65)	0.007	0.09 (0.13)	0.11 (0.22)	0.044

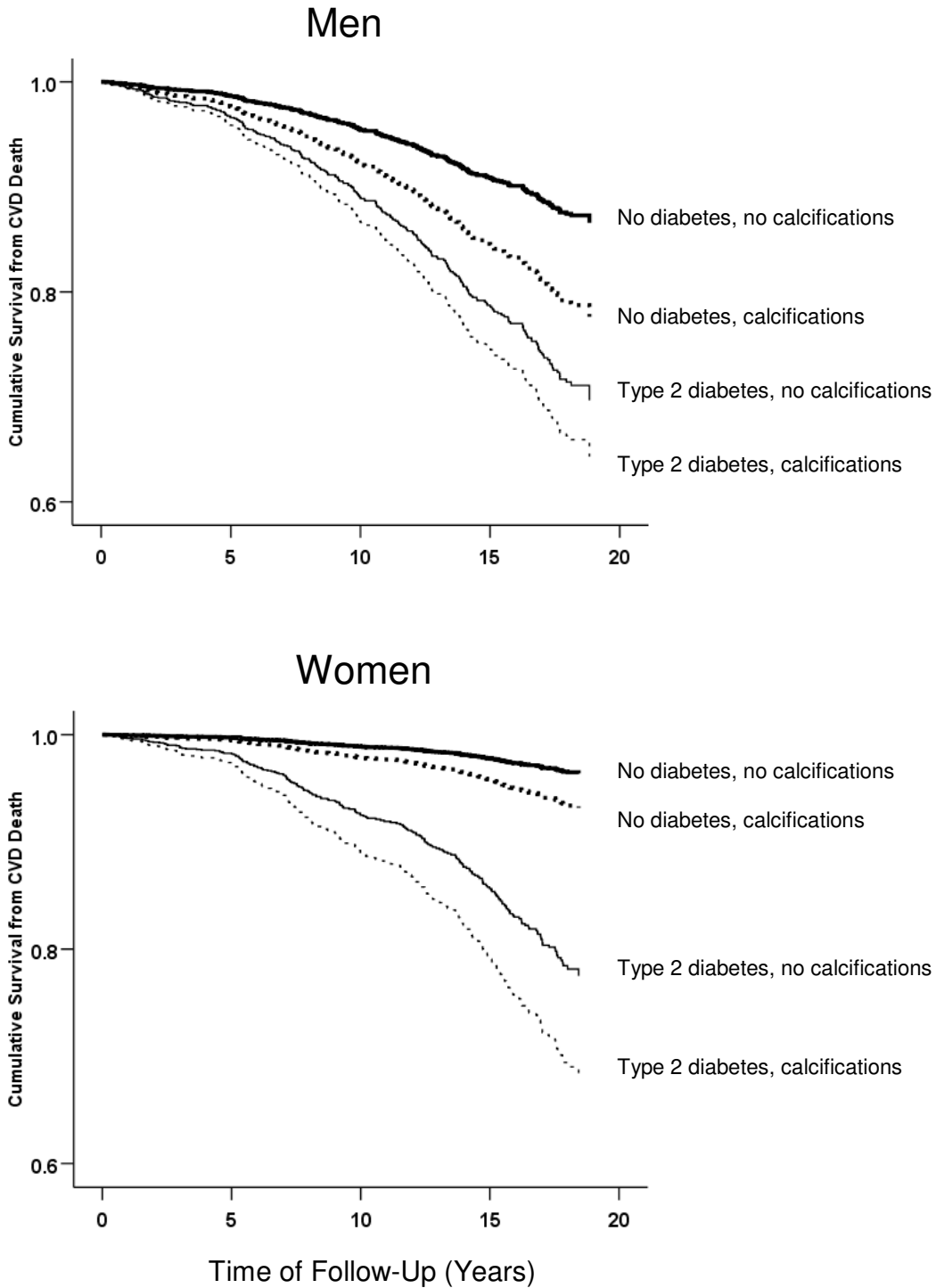
*Tested after logarithmic transformation; †Cockcroft-Gault estimate; ‡Glycated haemoglobin A₁; §High-sensitivity C-reactive protein; ||Apolipoprotein B/Apolipoprotein A1

Online-Appendix Table A2: Hazard ratio (95% CI) of CVD mortality in Cox multivariate model for thoracoabdominal calcifications of grade 1 or grade 2, and grade 3 in comparison to grade 0.

	Grade 1 vs Grade 0	Grade 2 vs Grade 0	Grade 3 vs Grade 0	<i>P</i> for linear trend
Cardiovascular mortality				
Type 2 diabetic men	1.4 (0.9-2.1)	1.5 (0.9-2.5)	1.5 (0.8-3.0)	0.358
Type 2 diabetic women	1.5 (1.0-2.3)	1.4 (0.9-2.2)	3.0 (1.6-5.7)	0.006
Nondiabetic men	1.0 (0.5-1.9)	2.4 (1.2-5.0)	5.0 (2.2-12)	<0.001
Nondiabetic women	1.3 (0.4-2.9)	3.1 (0.8-12)	7.8 (1.8-34)	0.033
Total mortality				
Type 2 diabetic men	1.2 (0.9-1.6)	1.3 (0.9-2.0)	1.8 (1.1-2.9)	0.116
Type 2 diabetic women	1.3 (1.0-1.8)	1.3 (0.9-1.9)	3.1 (1.9-5.0)	<0.001
Nondiabetic men	0.9 (0.5-1.4)	2.2 (1.3-3.5)	4.0 (2.2-7.4)	<0.001
Nondiabetic women	1.4 (0.8-2.4)	1.9 (1.0-3.7)	3.0 (1.3-7.0)	0.061

*Adjusted for age, gender, area of residence, current smoking, BMI, systolic blood pressure, total cholesterol, HDL cholesterol, HbA₁ or fasting glucose (in nondiabetic subjects), duration of diabetes (in diabetic subjects), Cockcroft-Gault estimate of glomerular filtration rate, and urinary protein (log).

Online-Appendix Figure A1 Cardiovascular disease survival during 18-year follow-up in men and women without prior cardiovascular disease by the status of diabetes and the presence of thoracoabdominal calcifications.



Online-Appendix Figure A2. The combination of thoracoabdominal calcifications and high-sensitivity C-reactive protein in association with cardiovascular and total mortality during 18-year follow-up in type 2 diabetic and nondiabetic subjects without prior cardiovascular disease.

