

Supplemental Material

Table S1 – Adjusted hazard ratios (95% CI) for incident MI (fatal and non-fatal) per CIMT quartile

	Quartiles of mean CIMT (mm)				
	Q1	Q2	Q3	Q4	
	< 0.70	0.70 to 0.78	0.78 to 0.90	0.90 to 1.79	
Total number of men	338	359	348	350	
Number of MI events	20	21	35	33	
Rate/1000 pyrs	7.94	8.38	14	13.79	
Models					Per unit SD increase
Model 1, HR (95% CI)	1.0 (ref.)	1.36 (0.63, 2.93)	1.98 (0.96, 4.05)	2.01 (0.98, 4.13)	1.27 (1.05, 1.54)**
Model 2, HR (95% CI)	1.0 (ref.)	1.18 (0.54, 2.57)	1.74 (0.84, 3.62)	1.81 (0.87, 3.78)	1.29 (1.05, 1.58)**
* CIMT SD = 0.157.					
** P < 0.05.					
Model 1: adjusted for age.					
Model 2: adjusted for age, social class, smoking, physical activity, alcohol intake, BMI, statin medication, prevalent diabetes, prevalent stroke, systolic blood pressure, hypertensive medication and atrial arrhythmias.					

Table S2 – Adjusted hazard ratios (95% CI) for incident MI (fatal and non-fatal) per distensibility quartile

	Carotid distensibility quartiles (x10⁻³ kPa-1)				
	Q1 < 9.25	Q2 9.25 to < 11.75	Q3 11.75 to 14.75	Q4 >14.76	
Total number of men	353	355	345	333	
Number of MI events	38	22	22	26	
Rate/1000 pyrs	16.28	8.95	8.67	10.26	
Models					Per unit SD increase
Model 1, HR (95% CI)	1.24 (0.65, 2.37)	0.88 (0.44, 1.74)	0.87 (0.43, 1.74)	1.0 (ref.)	0.89 (0.69, 1.15)
Model 2, HR (95% CI)	1.08 (0.54, 2.17)	0.88 (0.44, 1.79)	0.80 (0.39, 1.65)	1.0 (ref.)	0.90 (0.69, 1.18)
* Carotid distensibility SD = 4.177.					
**P < 0.05.					
Model 1: adjusted for age.					
Model 2: adjusted for age, social class, smoking, physical activity, alcohol intake, BMI, statin medication, prevalent diabetes, prevalent stroke, pulse pressure, hypertensive medication and atrial arrhythmias.					

Figure S1. Flowchart demonstrating study participant selection.

