SUPPLEMENTAL MATERIAL

Table S1. Association between estimated pulse wave velocity (ePWV) and the risk of death, stroke and acute myocardial infarction.

n=25,066	Cuff pulse pressure		Invasive systolic BP		Invasive pulse pressure	
	Continuous ePWV	Dichotomized ePWV	Continuous ePWV	Dichotomized ePWV	Continuous ePWV	Dichotomized ePWV
	Hazard ratio per 1 m/s (95% CI)	Hazard ratio above vs below or equal to the median value 10.93 m/s (95% CI)	Hazard ratio per 1 m/s (95% CI)	Hazard ratio above vs below or equal to the median value 10.93 m/s (95% CI)	Hazard ratio per 1 m/s (95% CI)	Hazard ratio above vs below or equal to the median value 10.93 m/s (95% CI)
All-cause mortality						
Crude	1.46 (1.44; 1.49)	3.37 (3.15; 3.61)	1.46 (1.44; 1.49)	3.37 (3.15; 3.61)	1.46 (1.44; 1.49)	3.37 (3.15; 3.61)
Model 1	1.02 (0.98; 1.06)	0.997 (0.90;1.10)	1.02 (0.98; 1.05)	0.996 (0.90; 1.10)	1.01 (0.98; 1.04)	0.99 (0.90; 1.09)
Model 2	1.04 (1.00; 1.08)	1.01 (0.91;1.11)	1.03 (0.99; 1.07)	0.998 (0.91; 1.10)	1.03 (0.99; 1.06)	1.00 (0.91; 1.10)

Myocardial infarction

Crude	1.17 (1.14; 1.21)	1.54 (1.38; 1.73)	1.17 (1.14; 1.21)	1.54 (1.38; 1.73)	1.17 (1.14; 1.21)	1.54 (1.38; 1.73)
Model 1	1.10 (1.03; 1.18)	0.97 (0.82; 1.15)	1.11 (1.04; 1.18)	0.998 (0.85; 1.17)	1.10 (1.04; 1.17)	1.00 (0.85; 1.18)
Model 2	1.08 (1.01; 1.16)	0.95 (0.80; 1.12)	1.07 (1.00; 1.14)	0.95 (0.80; 1.11)	1.07 (1.00; 1.13)	0.95 (0.81; 1.12)

Stroke

Crude	1.33 (1.29: 1.39)	2.63 (2.26; 3.06)	1.33 (1.29: 1.39)	2.63 (2.26; 3.06)	1.33 (1.29: 1.39)	2.63 (2.26; 3.06)
Model 1	1.11 (1.02; 1.21)	1.24 (0.999;1.55)	1.13 (1.04; 1.23)	1.29 (1.04; 1.59)	1.15 (1.06; 1.24)	1.33 (1.07; 1.64)
Model 2	1.09 (0.999; 1.19)	1.20 (0.97; 1.51)	1.10 (1.01; 1.20)	1.23 (0.99; 1.53)	1.12 (1.03; 1.21)	1.27 (1.03; 1.57)

Hazard ratios (HR) per 1 m/s increase in ePWV with 95% confidence intervals (95% CI) and above vs below or equal to the median value 10.93 m/s. Model 1: Adjusted for age and blood pressure. Model 2: Adjusted for age, sex, blood pressure, body mass index, smoking (never, previous vs. current), a categorized Charlson comorbidity index (0, 1, 2 or above 2), estimated glomerular filtration ratio, antihypertensive treatment (yes/no), statin treatment (yes/no), aspirin treatment (yes/no) and number of diseased vessels. (0, diffuse, 1, 2 or 3).

Figure S1. Flow Diagram.