

Table S1. Characteristics of subjects with ambulatory blood pressure monitoring who were excluded and included in the present study

	Excluded (<i>n</i> = 1025)	Included (<i>n</i> = 1014)	<i>P</i> values
Age, years	58 ± 13	52 ± 13	<0.001
Male gender, <i>n</i> (%)	627 (52)	548 (54)	0.250
Current smoking, <i>n</i> (%)	337 (28)	254 (25)	0.163
Body mass index, kg/m ²	25 ± 4	25 ± 4	0.019
Fasting plasma glucose, mmol/l	6.2 ± 2.7	5.6 ± 1.3	<0.001
Total cholesterol/HDL	4.5 ± 1.4	4.1 ± 1.3	<0.001
Measurement	66 ± 14	63 ± 8	<0.001
% successful	88 ± 14	92 ± 7	<0.001
SBP-B, mmHg	146 ± 26	139 ± 23	<0.001
PP-B, mmHg	56 ± 18	51 ± 17	<0.001
LVMI, g/m ²	108 ± 32	100 ± 25	<0.001
IMT, mm	1.0 ± 0.3	1.1 ± 0.3	<0.001
eGFR, ml/min/1.73 m ²	85 ± 25	93 ± 23	<0.001

B, brachial measurements; eGFR, estimated glomerular filtration rate; HDL, high-density lipoprotein cholesterol; IMT, carotid intima-media thickness; LVMI, left ventricular mass index; PP, pulse pressure; SBP, systolic blood pressure.

Table S2. Relations of blood pressure values to target organ variables

	Age <i>r</i>	LVMI <i>r</i>	IMT <i>r</i>	eGFR <i>r</i>
SBP-24h	0.240 [‡]	0.460 [‡]	0.203 [‡]	−0.133 [‡]
PP-24h	0.410 [‡]	0.389 [‡]	0.208 [‡]	−0.113 [‡]
SBP-C	0.307 [‡]	0.434 [‡]	0.240 [‡]	−0.177 [‡]
PP-C	0.486 [‡]	0.372 [‡]	0.266 [‡]	−0.190 [‡]
SBP-B	0.245 [‡]	0.379 [‡]	0.206 [‡]	−0.149 [‡]
PP-B	0.354 [‡]	0.267 [‡]	0.173 [‡]	−0.104 [†]

24-h, average 24-hour measurements; B, brachial measurements; C, central measurements; eGFR, estimated glomerular filtration rate; IMT, intima-media thickness; LVMI, left ventricular mass index; PP, pulse pressure; SBP, systolic blood pressure. [†]*P* value <0.01; [‡]*P* value <0.001.