

SUPPLEMENTARY DATA

**Supplementary Table 1. Percentages of subjects who used different antihypertensive (anti-HT) medications**

	N	Percentage
Subjects using anti-HT medication at baseline	381	4.4%*
<i>Type of HT medication</i> <sup>†</sup>		
Calcium channel blockers	141	37.0% <sup>†</sup>
ACE inhibitors or ARBs	83	21.8% <sup>†</sup>
Diuretics	47	12.3% <sup>†</sup>
β-blockers	42	11.0% <sup>†</sup>
Unknown	116	30.4% <sup>†</sup>

\*Percentage calculated based on 8740 study participants.

<sup>†</sup>Percentage calculated based on 381 subjects who used anti-HT medication (subjects who used two drugs were counted separately).

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**Supplementary Table 2. Cox Proportional Hazards Model for Multiple Parameters to Assess the Association Between Blood Pressure and Incidence of Diabetes Mellitus**

	HR	95.0% CI		P
		Lower	Upper	
Age (years)	1.01	1.01	1.02	<0.01
Gender (men vs. women)	0.97	0.82	1.15	0.73
Center: <i>Ansung</i> vs. <i>Ansan</i>	1.55	1.35	1.80	<0.01
<i>Smoking status</i>				
Current vs. ex- or nonsmoker	1.56	1.33	1.82	<0.01
<i>Exercise habit</i>				
Regular vs. no or irregular	0.92	0.81	1.05	0.20
<i>Alcohol consumption</i>				
Heavy vs. moderate	1.05	0.89	1.23	0.58
Waist circumference (cm)	1.01	1.01	1.02	<0.05
<i>Family history of DM</i>				
Yes vs. no	1.38	1.17	1.64	<0.01
HbA1c (%)	3.30	2.87	3.79	<0.01
HDL-cholesterol (mg/dl)	0.99	0.99	1.00	<0.01
Triglycerides (mg/dl)	1.01	1.00	1.01	<0.05
ALT (mg/dl)	1.01	1.00	1.01	<0.01
hsCRP (mg/l)	1.09	0.97	1.15	0.11
Fasting glucose (mg/dl)	1.03	1.02	1.03	<0.01
Postload 2-h glucose (mg/dl)	1.02	1.02	1.02	<0.01
HOMA-IR	0.97	0.91	1.03	0.30
Insulinogenic index	0.99	0.98	1.01	0.92
<i>Lipid-lowering agents</i>				
Yes vs. no	1.27	0.71	2.27	0.41
<i>Hypertension</i>				
Prehypertension vs. normal	1.23	1.06	1.42	<0.01
Stage 1 hypertension vs. normal	1.26	1.04	1.54	<0.05
Stage 2 hypertension vs. normal	1.60	1.30	1.96	<0.01

ALT, alanine aminotransferase; HOMA-IR = fasting plasma insulin ( $\mu$ IU/ml) x fasting plasma glucose (mg/dl) / 405; Insulinogenic index = 60–0 min insulin (IU/ml)/60–0 min glucose (mmol/l)