

## SUPPLEMENTAL MATERIAL

**Supplemental Table 1.** Unadjusted and adjusted hazard ratios (HR) and their 95% confidence intervals for sudden cardiac death for increment/decrement of 1 standard deviation (top) and for dichotomized risk markers (bottom) in subjects without myocardial infarction (N = 5,508) in the Health 2000 Survey.

Per increment/decrement of 1 SD	Decrement/increment	SD	Unadjusted HR	Age- and sex-adjusted HR	Multivariable adjusted HR
TW-Ad (I, II, V <sub>4</sub> -V <sub>6</sub> ), unitless	Decrement	0.20	3.2 (2.5-4.2)‡	2.6 (2.0-3.5)‡	2.3 (1.7-3.0)‡
TW-Ad (V <sub>4</sub> -V <sub>6</sub> ), unitless	Decrement	0.24	3.0 (2.3-3.9)‡	2.5 (1.9-3.4)‡	2.3 (1.7-3.0)‡
T-wave area in aVR, μVs	Increment	13μVs	2.4 (2.0-2.9)‡	2.0 (1.7-2.5)‡	1.9 (1.5-2.4)‡
T-wave area in V <sub>1</sub> , μVs	Increment	17 μVs	2.0 (1.7-2.3)‡	1.5 (1.3-1.8)‡	1.5 (1.2-1.8)‡
T-wave heterogeneity, μV	Increment	65 μV	1.8 (1.4-2.3)‡	1.4 (1.1-1.8)*	1.3 (1.0-1.8)*
R-wave heterogeneity, μV	Increment	189 μV	1.2 (0.9-1.5) <sup>NS</sup>	1.2 (1.0-1.5)*	1.2 (1.0-1.4) <sup>NS</sup>
QTc, ms	Increment	24 ms	1.4 (1.1-1.8)†	1.6 (1.2-2.0)†	1.5 (1.2-1.9)†
QRS duration, ms	Increment	9 ms	1.0 (0.8-1.3) <sup>NS</sup>	0.8 (0.6-1.1) <sup>NS</sup>	0.8 (0.7-1.1) <sup>NS</sup>
ST depression, mV	Decrement	0.040 mV	1.8 (1.5-2.3)	1.7 (1.3-2.1)‡	1.6 (1.3-2.1)‡
Heart rate, bpm	Increment	11 bpm	1.6 (1.3-2.0)‡	1.6 (1.3-1.9)‡	1.4 (1.1-1.7)†
		SCDs			
For optimal/established cutoff points	Cutoff	(number at risk)	Unadjusted HR	Age- and sex-adjusted HR	Multivariable adjusted HR
TW-Ad (I, II, V <sub>4</sub> -V <sub>6</sub> ), unitless	≤0.46	33 (672)	9.2 (5.6-15.3)‡	5.6 (3.3-9.4)‡	4.3 (2.6-7.4)‡
TW-Ad (V <sub>4</sub> -V <sub>6</sub> ), unitless	≤0.61	32 (769)	7.4 (4.5-12.1)‡	4.7 (2.8-7.8)‡	3.9 (2.3-6.5)‡
T-wave area in aVR, μVs	≥-13.9	33 (1,122)	4.9 (2.9-8.1)‡	3.8 (2.2-6.4)‡	2.8 (1.6-4.8)‡
T-wave area in V <sub>1</sub> , μVs	≥ 18.7	34 (1,405)	3.8 (2.3-6.2)‡	2.3 (1.3-3.9)†	2.2 (1.3-3.6)†
T-wave heterogeneity, μV	≥102	31 (1,857)	2.1 (1.2-3.4)†	1.4 (0.8-2.3) <sup>NS</sup>	1.3 (0.8-2.2) <sup>NS</sup>
R-wave heterogeneity, μV	≥357	41 (2,536)	2.5 (1.4-4.2)†	1.5 (0.9-2.6) <sup>NS</sup>	1.4 (0.8-2.3) <sup>NS</sup>
QTc, ms	≥440/460	7 (194)	3.7 (1.7-8.3)‡	2.4 (1.1-5.2)*	1.9 (0.9-4.2) <sup>NS</sup>
QRS duration, ms	≥110	2 (217)	0.8 (0.2-3.4)*	0.5 (0.1-2.1) <sup>NS</sup>	0.4 (0.1-1.8) <sup>NS</sup>
ST depression, mV	≤-0.1mV	1 (26)	3.8 (0.5-27.7) <sup>NS</sup>	2.2 (0.3-15.6) <sup>NS</sup>	2.7 (0.4-20.2) <sup>NS</sup>
Heart rate, bpm	≥65	37 (2,015)	2.7 (1.6-4.5)‡	3.0 (1.8-5.0)‡	2.4 (1.4-4.0)†
ECG signs of LVH	-	15 (783)	2.0 (1.1-3.6)*	1.6 (0.9-2.8) <sup>NS</sup>	1.7 (0.9-3.1) <sup>NS</sup>

\*P<0.05, †P<0.01, ‡P<0.001. HR, hazard ratio; LVH, left ventricular hypertrophy; TW-Ad, T-wave area dispersion; SD, standard deviation. QTc cutoff for men 440ms and for women 460ms. Multivariate model included age, sex, body mass index, systolic blood pressure, total cholesterol/HDL ratio, arterial hypertension, current smoking, diabetes, coronary artery disease, previous myocardial infarction.