

Supplementary Material.

Supplementary Table 1. Clinical characteristics and prevalence of baseline co-morbidities with and without electrocardiographic left ventricular hypertrophy matched by QRS duration in the general population.

	No LVH, QRS <100 ms (n = 3 785)		LVH, QRS <100 ms (n = 934)		<i>P value</i> *	No LVH, QRS 100-109 ms (n = 750)		LVH, QRS 100-109 ms (n = 303)		<i>P value</i> *	No LVH, QRS ≥110 ms (n = 161)		LVH, QRS ≥110 ms (n = 100)		<i>P value</i> *
	N/(mean)	%/(SD)	N/(mean)	%/(SD)		N/(mean)	%/(SD)	N/(mean)	%/(SD)		N/(mean)	%/(SD)	N/(mean)	%/(SD)	
Male	1 300	34.3	410	43.9	<0.001	569	75.9	207	68.3	0.012	144	89.4	83	83.0	0.133
Age (years)	(51.1)	(14.0)	(57.9)	(15.5)	<0.001	(48.9)	(13.2)	(54.9)	(15.7)	<0.001	(52.1)	(15.1)	(57.0)	(16.9)	0.033
BMI (kg/m ²)	(26.8)	(4.8)	(26.9)	(4.5)	0.307	(27.2)	(4.4)	(27.4)	(4.4)	0.292	(28.0)	(4.2)	(27.1)	(3.8)	0.105
Current smoking	845	22.3	148	15.8	<0.001	196	26.1	64	21.1	0.088	47	29.2	17	17.0	0.026
LDL cholesterol (mmol/L)	(3.7)	(1.0)	(3.9)	(1.1)	<0.001	(3.7)	(1.0)	(3.7)	(1.0)	0.932	(3.6)	(0.9)	(3.8)	(0.9)	0.077
QRS duration (ms)	(86)	(7)	(87)	(7)	<0.001	(103)	(3)	(103)	(3)	0.627	(116)	(5)	(118)	(8)	0.008
Hypertension	1 545	41.0	616	66.1	<0.001	331	44.3	194	64.0	<0.001	86	53.4	71	71.0	0.005
Diabetes mellitus	190	5.0	67	7.2	0.009	38	5.1	30	9.9	0.004	7	4.3	5	5.0	0.772
Coronary Heart Disease	270	7.1	141	15.1	<0.001	62	8.3	46	15.2	<0.001	23	14.3	26	26.0	0.018
Myocardial infarction	81	2.1	49	5.2	<0.001	35	4.7	18	5.9	0.392	15	9.3	15	15.0	0.162
Heart Failure	51	1.3	41	4.4	<0.001	13	1.7	11	3.6	0.062	6	3.7	7	7.0	0.254

*p value for difference between matched QRS duration subgroups.

Supplementary Table 2. Adjusted Cox proportional hazard analysis for mortality and incident heart failure events in subjects without electrocardiographic left ventricular hypertrophy in three QRS duration subgroups.

	No. of deaths / incident HF (%)	Age- and gender-adjusted			Multivariable ^a -adjusted		
		Hazard Ratio	95% CI	p-value	Hazard Ratio	95% CI	p-value
Cardiovascular Mortality							
QRS duration							
<100 ms	219 (5.8%)	1			1		
100–109 ms	64 (8.5%)	1.01	0.76–1.33	0.970	0.93	0.70–1.24	0.622
≥110 ms	27 (16.8%)	1.49	0.99–2.24	0.055	1.10	0.71–1.70	0.681
All-cause Mortality							
QRS duration							
<100 ms	641 (16.9%)	1			1		
100–109 ms	120 (16.0%)	0.86	0.70–1.05	0.130	0.83	0.68–1.02	0.081
≥110 ms	38 (23.6%)	0.92	0.71–1.39	0.964	0.82	0.58–1.17	0.282
New-onset Heart Failure							
QRS duration							
<100 ms	176 (4.6%)	1			1		
100–109 ms	45 (6.0%)	1.22	0.77–1.92	0.397	1.23	0.78–1.94	0.380
≥110 ms	13 (8.1%)	0.37	0.09–1.51	0.164	0.36	0.09–1.50	0.922

CI = confidence interval. ^aAdjusted for age, sex, coronary heart disease, myocardial infarction, heart failure, hypertension, ST-depression in lead V5, diabetes mellitus, smoking, body mass index and low-density lipoprotein cholesterol.

