



Supplementary material

Analysis of the Association Between Electrocardiographic P-wave Characteristics and Atrial Fibrillation in the REGICOR Study

TABLE 1 OF THE SUPPLEMENTARY MATERIAL

Baseline Characteristics of the Participants in the Study According to Their Attendance at the Follow-up Visit

	Attendance at the follow up visit		<i>P</i>
	Yes n = 6424	No n = 2986	
Age, y	52.7 ± 12.4	58.4 ± 14.3	<.001
Sex, % male	46.4	51.5	<.001
SBP, mmHg	126.5 ± 19.6	132.8 ± 21.6	<.001
DBP, mmHg	78.9 ± 10.0	79.3 ± 10.4	.090
Hypertension treatment, %	16.4	26.3	<.001
Glucose level, mg/dL	98.6 ± 22.8	105.4 ± 33.1	<.001
Diabetes treatment, %	3.8	8.1	<.001
LDL cholesterol, mg/dL	136.1 ± 36.4	134.5 ± 37.4	.116
HDL cholesterol, mg/dL	54.3 ± 15.09	53.6 ± 15.5	.289
Triglycerides, mg/dL	107.8 ± 67.5	118.0 ± 75.5	<.001
Cholesterol treatment, %	15.7	20.7	<.001

DBP, diastolic blood pressure; HDL, high-density lipoprotein; LDL, low-density lipoprotein; SBP, systolic blood pressure

Unless otherwise indicated, data are expressed as mean ± standard deviation.

Table 2 of the supplementary material

Pearson Correlation Coefficient Between P-wave Duration and Other Continuous Variables

	Correlation coefficient	<i>P</i>
Heart rate	-0.167	.010
Systolic blood pressure	0.092	.167
Diastolic blood pressure	0.034	.605
Body mass index	0.121	.062

Table 3 of the supplementary material

P-wave Duration in Participants With and Without Comorbidities

Comorbidity	No	Yes	<i>P</i>
Hypertension	123 ± 19	129 ± 20	.020
Hypertension treatment	123 ± 20	130 ± 19	.005
Diabetes	126 ± 20	130 ± 19	.322
Diabetes treatment	126 ± 20	128 ± 19	.616

Values are expressed as the mean ± standard deviation.

Table 4 of the supplementary material

Odds Ratios for Atrial Fibrillation of the Different Electrocardiographic Variables Analyzed (Adjusted for Body Mass Index, Heart Rate and Hypertension; Age- and Sex-matched)

	N (cases- controls)	OR	95%CI	P
P-wave duration (msec)	240	1.013	0.998-1.028	.088
<i>P-wave duration categories</i>				
< 110 msec	49 (5-44)	1		
110-119.9 msec	43 (16-27)	5.628	1.798-17.613	.003
120-129.9 msec	57 (22-35)	4.828	1.612-14.458	.005
≥ 130 msec	91 (37-54)	4.760	1.670-13.567	.003
<i>P-wave morphology</i>				
Normal	92 (21-71)	1		
P-IAB	125 (50-75)	1.755	0.928-3.320	.084
A-IAB	23 (9-14)	1.782	0.645-4.918	.265
IAB, partial or advanced	148 (59-89)	1.759	0.945-3.275	.075
<i>P-wave duration and IAB</i>				
< 110 msec	49 (5-44)	1		
110-119.9 msec	43 (16-27)	5.628	1.796-17.612	.003
≥ 120 msec (P-IAB)	125 (50-75)	4.783	1.722-13.284	.003
≥ 120 msec + A-IAB	23 (9-14)	4.809	1.326-17.437	.017
<i>Advanced vs partial IAB</i>				
≥ 120 msec (P-IAB)	125 (50-75)	1		
≥ 120 + A-IAB	23 (9-14)	1.003	0.387-2.601	.995

95%CI, 95% confidence interval; A-IAB, advanced IAB; IAB, interatrial blocks; OR, odds ratio; P-IAB, partial IAB.

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