Appendix 2

Characteristics of patients with three negative index tests, including the sample of patients receiving a 12 lead ECG versus the patients outside the sample, not receiving an ECG.

Characteristic	Patients with three negative index tests[a]			
	Total (n=3813)	ECG (random sample, n=308)	No ECG (n=3505)	p-value
Female, n (%)	2088 (54.8)	168 (54.5)	1920 (54.8)	0.937
Age in years, M (SD)	73.4 (5.4)	73.1 (5.3)	73.4 (5.5)	0.274
Ethnic origin[b]				0.495
White, n (%)	3360 (96.0)	293 (95.1)	3367 (96.2)	
Black, n (%)	67 (1.8)	8 (2.6)	59 (1.7)	
Other, n (%)[c]	81 (2.1)	7 (2.3)	74 (2.1)	
History[d]				
Hypertension, n (%)	1932 (50.7)	135 (44.0)	1797 (51.4)	0.013
Stroke/TIA, n (%)	292 (7.7)	17 (5.5)	275 (7.9)	0.143
Diabetes, n (%)	673 (17.7)	44 (14.3)	629 (18.0)	0.109
Heart failure, n (%)	62 (1.6)	5 (1.6)	57 (1.6)	1.000
Thromboembolism, n (%)	181 (4.7)	9 (2.9)	172 (4.9)	0.117
Vascular disease, n (%)	542 (14.2)	39 (12.7)	503 (14.4)	0.422
Symptoms[e]				
Palpitations, n (%)	633 (16.6)	51 (16.6)	582 (16.6)	0.976
Vertigo, n (%)	794 (20.8)	63 (20.5)	731 (20.9)	0.862
Syncope, n (%)	139 (3.6)	10 (3.2)	129 (3.7)	0.695
Dyspnea, n (%)	767 (20.1)	70 (22.7)	697 (19.9)	0.235
Chest tightness, n (%)	362 (9.5)	20 (6.5)	342 (9.8)	0.061

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Exercise intolerance, n (%)	809 (21.2)	62 (20.1)	747 (21.3)	0.604
Any of the above, n (%)	1912 (50.1)	148 (48.1)	1764 (50.3)	0.444
Signs				
Unequal pulse, n (%)	47 (1.2)	2 (0.6)	45 (1.3)	0.585[k]
Heart rate in bpm, M (SD)[f]				
Radial pulse palpation	71.5 (11.1)	72.1 (11.0)	71.5 (11.2)	0.363
WatchBP Home A	72.1 (12.8)	72.1 (13.1)	72.1 (12.7)	0.953
MyDiagnostick	72.0 (11.6)	71.5 (10.5)	72.0 (11.7)	0.466
Systolic blood pressure[g], M (SD)	143.2 (18.8)	142.3 (19.7)	143.3 (18.6)	0.398
Diastolic blood pressure[g], M (SD)	78.7 (9.7)	79.0 (9.8)	78.7 (9.7)	0.671
AF on Holter[h], n (%)	4 (0.1)	4 (1.3)	0	1.000[i]

Abbreviations: M (mean), SD (standard deviation), TIA (transient ischemic attack), ECG
(electrocardiography), AF (atrial fibrillation), eBPM-AF (electronic blood pressure monitor with AF
detection algorithm), hand-ECG (handheld single-lead ECG device with AF detection algorithm).

[a] Index tests were: radial pulse palpation and two devices with AF detection algorithm: an electronic
blood pressure monitor (WatchBP Home A) and a handheld ECG device (MyDiagnostick).

[b] Mutually exclusive categories. For every patient, only one answering option could be filled in
(exclusive categories). The ethnic origin did not differ significantly between patients with one or more
positive tests and patients with three negative tests (p=0.495).

[c] Patients in this category were mostly born outside the Netherlands (n=76); the four predominant
countries of birth were Indonesia (n=35), Suriname (n=14), Morocco (n=8) and Turkey (n=5).

[d] For seven patients, history was missing (n=3806).

[e] Results were missing in four patients for palpitations (n=3809), three for vertigo (n=3810), three for
syncope (n=3810), two for dyspnea (n=3811), one for chest tightness (n=3812) and 13 for exercise
intolerance (n=3800).

[f] There were 93 results missing for heart rate on WatchBP Home A (n=3720) and 638 for
MyDiagnostick (n=3175).

[g] If the WatchBP Home A failed, blood pressure was measured manually. Blood pressure was still missing for 53 patients (n=3781).

[h] Holter results were available for 112 patients.

[i] Fisher's exact test.