

Table 1. Baseline characteristics, and anticoagulation and rate control strategies at 1 year

Baseline characteristics	Prior history of hyperthyroidism	No prior history of hyperthyroidism	P value <sup>a</sup>
	n=571	n=14829	
Age, mean±SD, years	65.8±13.9	65.9±14.8	0.887
Male, no. (%)	203 (35.6)	7928 (53.5)	<0.001
Smoker, no. (%)	89 (15.6)	2522 (17.0)	0.375
History of diabetes mellitus, no. (%)	121 (21.2)	3242 (21.9)	0.703
History of hypertension, no. (%)	362 (63.4)	9189 (62.0)	0.489
History of heart failure, no. (%)	201 (35.2)	5147 (34.7)	0.808
History of CAD, no. (%)	179 (31.3)	4837 (32.6)	0.525
History of MI, no. (%)	65 (11.4)	2150 (14.5)	0.037
History of rheumatic heart disease, no. (%)	36 (6.3)	1752 (11.8)	<0.001
History of stroke or TIA, no. (%)	75 (13.1)	2052 (13.8)	0.633
Significant valvular heart disease, no. (%)	82 (14.4)	3267 (22.0)	<0.001
Prior diagnosis of AF before visit, no. (%)	416 (72.9)	9533 (64.3)	<0.001
Type of AF at ED visit			
Persistent, no. (%)	149 (26.1)	3763 (25.4)	0.699
Paroxysmal, no. (%)	207 (36.3)	5060 (34.1)	0.292
Permanent, no. (%)	215 (37.7)	5999 (40.5)	0.181
AF/flutter when patients left ED, no. (%)	433 (75.8)	11681 (78.8)	0.092
Lone AF, no. (%)	0 (0)	796 (5.4)	<0.001
CHADS <sub>2</sub> score, median (IQR)	2.0 (1.0–3.0)	2.0 (1.0–3.0)	0.874
CHA <sub>2</sub> DS <sub>2</sub> -VASc score, median (IQR)	3.0 (2.0–5.0)	3.0 (2.0–5.0)	0.170
Beta blocker prior to ED visit, no. (%)	286 (50.1)	6150 (41.5)	<0.001
Beta blocker after ED visit, no. (%)	378 (66.2)	8021 (54.1)	<0.001
<b>Anticoagulation and rate control strategies at 1 year visit</b>			
Received ASA, no. (%)	214 (37.6)	6182 (41.8)	0.047
Received OAC, no. (%)	260 (45.7)	6211 (42.0)	0.079
Received anti-arrhythmic drug, no. (%)	117 (20.6)	3255 (22.0)	0.415
Received rate control drug, no. (%)	419 (73.6)	10390 (70.2)	0.082
Calcium channel blockers, no. (%)	90 (15.8)	2242 (15.2)	0.667
Beta blockers, no. (%)	322 (56.6)	7216 (48.8)	<0.001
Digoxin, no. (%)	139 (24.4)	4017 (27.2)	0.151
Received cardioversion, no. (%)	52 (9.1)	1170 (7.9)	0.288
Received AV node ablation, no. (%)	6 (1.1)	75 (0.5)	0.126
Received AF ablation, no. (%)	13 (2.3)	349 (2.4)	0.908

AF: atrial fibrillation; ASA: acetylsalicylic acid (aspirin); AV: atrioventricular; CAD: coronary artery disease; CHADS<sub>2</sub>: congestive heart failure, hypertension, age>75 years, diabetes mellitus, stroke; CHA<sub>2</sub>DS<sub>2</sub>-VASc: congestive heart failure, hypertension, age >75 years, diabetes, and stroke/transient ischaemic attack, and vascular disease, age 65–74 years; ED: emergency department; IQR: interquartile range; MI: myocardial infarction; OAC: oral anticoagulant; SD: standard deviation; TIA: transient ischaemic attack

<sup>a</sup> P value is from chi-square test for categorical variables, two-sample t-test for normally distributed variables, and Wilcoxon rank-sum test for non-normally distributed variables.