Heart

Supplementary table 1: Full baseline characteristics of all variables used for propensity-score matching

		Full coho	ort (before pro matching	• •	core	Propensity score matched cohorts			
		Controls (n=48,676)	Cases (n=5,628)	Р	std- diff	Controls (n=3,955)	Cases (n=3,955)	Р	std- diff
		Den	nographic ch	aracterist	ics on inc	dex date			
Age, years	mean (s.d.)	61.1 (10.0)	59.9 (10.0)	<0.001	0.114	61.7 (9.5)	60.9 (9.7)	<0.001	0.077
	median (IQR)	63 (56-68)	61 (54-67)			64 (57-68)	62 (55-68)		
Females		14902 (30.6%)	1564 (27.8%%)	<0.001	0.062	1,182 (29.9%)	1168 (29.5%)	0.731	0.008
Year of index date	2008	2,662 (5.5%)	263 (4.7%)	<0.001	0.200	155 (3.9%)	166 (4.2%)	1.0	0.021
	2009	2,814 (5.8%)	284 (5.0%)			194 (4.9%)	198 (5.0%)		
	2010	4,804 (9.9%)	475 (8.4%)			312 (7.9%)	316 (8.0%)		
	2011	4,587 (9.4%)	462 (8.2%)			287 (7.3%)	292 (7.4%)		
	2012	5,093 (10.5%)	524 (9.3%)			376 (9.5%)	369 (9.3%)		
	2013	4,974 (10.2%)	517 (9.2%)			374 (9.5%)	376 (9.5%)		
	2014	5,920 (12.2%)	610 (10.8%)			456 (11.5%)	458 (11.6%)		
	2015	5,751 (11.8%)	634 (11.3%)			468 (11.8%)	464 (11.7%)		
	2016	5,553 (11.4%)	739 (13.1%)			522 (13.2%)	517 (13.1%)		
	2017	3,635 (7.5%)	570 (10.1%)			40 (10.6%)	406 (10.3%)		

	2018	2,884 (5.9%)	550 (9.8%)			392 (9.9%)	393 (9.9%)		
Education	Elementary	12,198 (25.1%)	822 (14.6%)	<0.001	0.374	652 (16.5%)	657 (16.6%)	0.952	0.013
	High school	22,030 (45.3%)	2243 (39.9%)			1,640 (41.5%)	1,617 (40.9%)		
	University	14,063 (28.9%)	2538 (45.1%)			1,641 (41.5%)	1,661 (42.0%)		
	Unknown	385 (0.8%)	25 (0.4%)			22 (0.6%)	20 (0.5%)		
Income (KSEK/year)	mean (s.d.)	273.2 (1,418.6)	415.2 (934.1)	<0.001*	-0.118	469.3 (4,842.9)	363.7 (649.8)	0.014*	0.031
	median (IQR)	211.7 (143.9- 305.8)	287.9 (192.8- 419.7)			261.3 (178.2- 362.8)	269 (179.3- 394.5)		
Civil status	Alone	21,863 (44.9%)	2,004 (35.6%)	<0.001	0.191	1,402 (35.4%)	1435 (36.3%)	0.439	-0.017
Born abroad		6,586 (13.5%)	480 (8.5%)	<0.001	0.160	352 (8.9%)	367 (9.3%)	0.557	-0.013
	•	Health care	e utilization d	uring 10 y	ears pric	or to index date	•		
No. of	mean (s.d.)	8.1 (22.6)	12.1 (11.1)	<0.001*	-0.229	12.2 (43.2)	12.0 (10.2)	0.347*	0.001
outpatients visits	median (IQR)	4 (1-10)	10 (6-15)			8 (4-14)	10 (5-15)		
No. of	mean (s.d.)	2.9 (4.3)	4.4 (5.0)	<0.001*	-0.314	4.0 (5.2)	4.0 (4.5)	0.347	-0.001
hospitlizations	median (IQR)	2 (0-4)	3 (5)			3 (1-5)	3 (1-5)		
No. of hospital	mean (s.d.)	10.8 (25.9)	7.1 (11.0)	<0.001*	0.186	8.0 (12.9)	7.6 (12.0)	0.032	0.038
days	median (IQR)	3 (0-13)	4 (1-9)			4 (1-10)	4 (1-9)		
			Comorbiditi	ies prior to	o index d	ate			
Hypertension		21,002 (43.2%)	2409 (42.8%)	0.623	0.007	1,927 (48.7%)	1801 (45.5%)	0.005	0.064

Hyperlipidemia	357 (0.7%)	29 (0.5%)	0.065	0.028	23 (0.6%)	23 (0.6%)	1.000	0.000
COPD	2,356	116 (2.1%)	<0.001	0.152	102 (2.6%)	91 (2.3%)	0.423	0.018
	(4.8%)							
Heart failure	8,166	738	<0.001	0.103	619 (15.7%)	580 (14.7%)	0.221	0.028
	(16.8%)	(13.1%)						
Ischemic heart	6,195	396 (7.0%)	<0.001	0.192	322 (8.1%)	316 (8.0%)	0.804	0.006
disease	(12.7%)							
Chronic kidney	1,922	82 (1.5%)	<0.001	0.154	75 (1.9%)	67 (1.7%)	0.498	0.015
disease	(4.0%)							
Diabetes (type	6804	396 (7.0%)	<0.001	0.228	326 (8.2%)	331 (8.4%)	0.839	0.005
1 and 2)	(14.0%)							
CHA ₂ DS ₂ -	1.6±1.5	1.4±1.4	<0.001	0.162	1.6±1.3	1.5±1.4	<0.001	0.083
VASc								
	• ·	prescriptions					-	
Amiodarone	721 (1.5%)	887	<0.001	-0.526	432 (10.9%)	423 (10.7%)	0.744	0.007
		(15.8%)						
Flecainide	1,887	1,220	<0.001	-0.553	678 (17.4%)	653 (16.5%)	0.452	0.017
	(3.9%)	(21.7%)						
Sotalol	1,424	389 (6.9%)	<0.001	-0.185	274 (6.9%)	265 (6.7%)	0.688	0.009
	(2.9%)							
Dronedarone	774 (1.6%)	1,104	<0.001	-0.612	500 (12.6%)	540 (13.7%)	0.183	-0.030
		(19.6%)						
Betablocker	27,119	4,051	<0.001	-0.340	2,887 (73.0%)	2,801	0.031	0.048
	(55.9%)	(72.0%)				(70.8%)		
Calcium	1,179	230 (4.1%)	<0.001	-0.094	157 (4.0%)	152 (3.8%)	0.772	0.007
antagonist	(2.4%)							
Loop diuretic	6,741	477 (8.5%)	<0.001	0.171	413 (10.4%)	389 (9.8%)	0.371	0.020
	(13.9%)							
ACEI /ARB	20,871	2,244	<0.001	0.061	1,796 (45.4%)	1,681	0.009	0.059
	(42.9%)	(39.9%)				(42.5%)		
Antiplatelet	9,824	554 (9.8%)	<0.001	0.293	335 (8.5%)	360 (9.1%)	0.321	-0.022
	(20.2%)							

NOAC		4,299	1982	<0.001	-0.671	1,351 (34.2%)	1,269	0.050	0.044
		(8.8%)	(35.2%)				(32.1%)		
Warfarin		14,486	3,750	<0.001	-0.793	2562 (64.8%)	2,556	0.888	0.003
		(29.8%)	(66.6%)				(64.6%)		
Digoxin		3,965	328 (5.8%)	<0.001	0.091	295 (7.5%)	272 (6.9%)	0.316	0.023
-		(8.2%)							
*Man-Whitney U test. ACE = angiotensin receptor enzyme inhibitor; ARB = angiotensin receptor blockers; COPD = chronic									
obstructive pulm	onary disease;	NOAC = non-	vitamin K anta	agonist ora	l anticoag	julants; std-diff = :	standardised d	ifferences	i.

Heart

Year	Full col		e propensit ching)	y score		Propensity score matched cohorts					
	Cont	rols	Cas	ses	Controls		Cases		Warfarin/NOAC		
	Warfarin	NOAC	Warfarin	NOAC	Warfarin	NOAC	Warfarin	NOAC	Р	std-diff	
2008	16.9%	0%	88.2%	0%	71.6%	0%	86.1%	0%	0.001	-0.361	
2009	20.9%	0%	68.8%	0%	71.7%	0.3%	69.4%	0%	0.457	0.056	
2010	23.9%	0.1%	65.8%	0%	70.4%	0%	65.8%	0%	0.072	0.099	
2011	28.8%	0.2%	61.2%	0.2%	71.1%	0.3%	62.2%	0.2%	<0.001	0.191	
2012	34.4%	1.5%	57.7%	3.1%	70.6%	3.1%	59.2%	3.2%	<0.001	0.246	
2013	39.6%	5.2%	53.3%	6.3%	67.7%	7.9%	56.7%	5.8%	<0.001	0.288	
2014	38.0%	9.1%	48.5%	13.0%	62.7%	15.5%	52.2%	12.2%	< 0.001	0.309	
2015	35.0%	14.4%	41.0%	21.7%	53.2%	25.2%	44.2%	20.9%	<0.001	0.296	
2016	31.9%	20.2%	30.7%	32.0%	45.3%	34.6%	33.4%	31.0%	<0.001	0.352	
2017	29.1%	25.9%	23.3%	40.0%	38.7%	43.1%	25.8%	39.4%	<0.001	0.382	
2018	25.9%	31.7%	19.3%	45.8%	32.0%	51.3%	21.6%	45.8%	<0.001	0.375	
F/U end	26.2%	29.3%	20.0%	45.0%	33.1%	49.5%	22.4%	44.8%	<0.001	0.360	
of the study		at the end					ita is shown fo amin K antago				

Supplementary table 2: Oral anticoagulation during the study period

Heart

Supplementary table 3: Primary and secondary clinical outcomes in patients with atrial fibrillation receiving catheter ablation versus controls

	Full cohort be	fore propensity sco (n=54,311)	ore matching	Propensity score matched cohorts (n=7,910)			
	No. events	Hazard ratio* (95% CI)	Р	No. events	Hazard ratio* (95% CI)	Р	
·		P	rimary outcome				
Combined all cause-mortality or stroke	6,728	0.30 (0.26 – 0.34)	<0.001	466	0.55*** (0.46 – 0.67)	<0.001	
		Sec	ondary outcom	es			
All-cause mortality	5,503	0.27 (0.23 – 0.31)	<0.001	363	0.47*** (0.39 – 0.60)	<0.001	
CV-mortality	2,583	0.25 (0.20 – 0.32)	<0.001	177	0.41*** (0.29 – 0.57)	<0.001	
Stroke	1,670	0.38 (0.30 – 0.48)	<0.001	128	0.74**** (0.52 – 1.05)	0.095	
Heart Failure**	3,456	0.47 (0.41 - 0.55)	<0.001	280	0.73 (0.57 – 0.92)***	0.009	
cohort n=45,402 and	l propensity score	matched cohort n=6	6,544). ***Cox reg	gression of propens	ilure diagnosis prior to sity score matched co l; CV = cardiovascular	hort with	