

Supplementary Table 1. Baseline Clinical and Procedural Characteristics According to Onset Timing of AF

Variables	Pre-existing AF (n=108)	New-onset AF (n=27)	p value
Demographics			
Age, yr	79.3±7.3	80.2±4.3	0.404
Sex, male	55 (50.9)	12 (44.4)	0.699
Body mass index, kg/m ²	23.7±3.3	23.5±3.8	0.713
Risk factors			
Hypertension	81 (75.0)	23 (85.2)	0.384
Diabetes mellitus	40 (37.0)	11 (40.7)	0.894
Previous history of stroke	24 (22.2)	4 (14.8)	0.559
Peripheral artery disease	10 (9.3)	4 (14.8)	0.621
Previous myocardial infarction	8 (7.4)	6 (22.2)	0.057
Previous percutaneous coronary intervention	22 (20.4)	9 (33.3)	0.239
COPD	17 (15.7)	1 (3.7)	0.184
Current smoking	7 (6.5)	1 (3.7)	0.927
Previous AVR	2 (1.9)	0 (0)	>0.999
Previous CABG	1 (0.9)	1 (3.7)	0.859
Previous renal replacement therapy	5 (4.6)	1 (3.7)	>0.999
ECG findings			
Rhythm			<0.001
Sinus rhythm	0 (0)	27 (100)	
Pre-existing AF or flutter	108 (100)	0 (0)	
New onset AF or flutter	0 (0)	27 (100)	
LBBB	3 (2.8)	0 (0)	0.884
RBBB	12 (11.1)	3 (11.1)	>0.999
Pacing rhythm	1 (0.9)	0 (0)	>0.999
Risk scoring system			
STS score	8.2±6.1	11.3±10.5	0.159
Euro-score II	12.2±9.6	11.7±9.3	0.832
CHAS2-VaSc score	4.2±1.5	4.6±1.6	0.209
Anatomical characteristics			
AV morphology			0.940
Tricuspid	99 (91.7)	24 (88.9)	
Bicuspid	9 (8.3)	3 (11.1)	
Others	0 (0)	0 (0)	
Combined CAD	39 (36.1)	14 (51.9)	0.201
Left main or proximal LAD involvement	14 (13.0)	4 (14.8)	>0.999
Annulus diameter, mm	23.1±2.6	23.1±3.2	0.985
Laboratory findings			
Creatinine, mg/dL	1.3±1.0	1.5±1.7	0.575
Hematocrit, %	35.3±5.3	33.7±5.0	0.859
WBC, /mm ³	6760±2650	7730±2590	0.936
Procedural characteristics			
Successful implantation	107 (99.1)	27 (100)	0.884
Puncture to close time, minute	75.2±31.8	99.3±53.9	0.326
General anesthesia	104 (96.3)	25 (92.6)	0.754
Anesthesia time, minute	125.7±38.3	159.2±65.8	0.016
Transfemoral approach	107 (99.1)	26 (96.3)	0.118
Type of device			0.728
SAPIEN XT or 3	59 (54.6)	14 (51.9)	
CoreValve or Evolut R	1 (0.9)	0 (0)	
Others	0 (0)	1 (3.7)	
Device size, mm	26.5±2.3	26.4±2.5	0.747
Medications at discharge			
Aspirin	61 (56.5)	20 (74.1)	0.147
P2Y12 inhibitor	80 (74.1)	19 (70.4)	0.884
NOAC	45 (41.7)	7 (25.9)	0.200
Warfarin	17 (15.7)	0 (0)	0.060
Cilostazol	0 (0)	0 (0)	>0.999

AF, atrial fibrillation; AV, aortic valve; AVR, aortic valve replacement; CABG, coronary artery bypass graft; CAD, coronary artery disease; COPD, chronic obstructive pulmonary disease; ECG, electrocardiogram; LAD, left anterior descending artery; LBBB, left bundle branch block; NOAC, non-vitamin K antagonist oral anticoagulant; RBBB, right bundle branch block; STS, Society of Thoracic Surgeons; WBC, white blood cell.

Data are presented as mean±standard deviation or n (%).