

Table 6. Comparison of baseline characteristics and examination results between patients undergoing repeat ablation ≤ 180 days and >180 days

	Repeat ablation ≤ 180 days (n = 255)	Repeat ablation >180 days (n = 360)	p-value
Time to repeat ablation days after first ablation, days	91.0 (62.0–126.0)	651.5 (322.8–1449)	<0.001
Repeat ablation within 90 days after initial ablation	121 (48%)	0 (0%)	<0.001
Echocardiographic data			
LAD at first ablation, mm	40.4 ± 7.3	40.4 ± 7.0	0.952
LAD at repeat ablation, mm	40.1 ± 6.7	40.1 ± 7.5	0.997
LVEF at first ablation, %	60.3 ± 9.2	60.0 ± 9.6	0.778
LVEF at repeat ablation, %	60.8 ± 9.0	61.1 ± 8.8	0.617
CHADS ₂ score at first ablation	1.1 ± 1.1	1.0 ± 0.9	0.088
CHADS ₂ score at repeat ablation	1.2 ± 1.1	1.3 ± 1.0	0.726
CHA ₂ DS ₂ -VASc score at first ablation	2.1 ± 1.6	1.7 ± 1.4	0.004
CHA ₂ DS ₂ -VASc score at repeat ablation	2.2 ± 1.6	2.1 ± 1.5	0.473
Evaluation of the LA thrombus before repeat ablation			
TEE	53 (21%)	303 (84%)	<0.001
Contrast enhanced CT	97 (38%)	311 (86%)	<0.001
ICE	0 (0%)	2 (0.6%)	0.514
Both TEE and CT	25 (9.8%)	264 (73%)	<0.001
At least one modality (TEE, CT image, or ICE)	125 (49%)	351 (98%)	<0.001
None	130 (51%)	9 (2.5%)	<0.001
Clinical events after first ablation			
Total number of events/patient	0.21 ± 0.47	0.37 ± 0.72	0.002
Cardioversion	42 (17%)	67 (19%)	0.493

Heart failure hospitalization	2 (0.8%)	9 (2.5%)	0.134
AF hospitalization	2 (0.8%)	2 (0.6%)	0.999
Pacemaker implantation	0 (0%)	5 (1.4%)	0.080
Thromboembolic events	1 (0.4%)	5 (1.4%)	0.409
Cardiovascular intervention	1 (0.4%)	8 (2.2%)	0.088
Ablation for ventricular arrhythmia	1 (0.4%)	3 (0.8%)	0.645
Clinical event after excluding cardioversion	8 (3.1%)	33 (9.2%)	0.003
Total number of events/patient after excluding cardioversion	0.04 ± 0.21	0.11 ± 0.37	0.004
Detection of thrombus at repeat ablation	0 (0%)	3 (0.8%)	0.271
History of thrombus before initial ablation	4 (1.6%)	8 (2.2%)	0.769
Interruption of oral anticoagulants before repeat ablation	1 (0.4%)	117 (33%)	<0.001
Non-paroxysmal atrial arrhythmia after the first ablation	64 (25%)	78 (22%)	0.320

AF, atrial fibrillation; CT, computed tomography; ICE, intracardiac echocardiography; LAD, left atrial diameter; LVEF, left ventricular ejection fraction; TEE, transesophageal echocardiography