

Table S1 AF recovery during or after operation

Variables	N=175	Percentage
AF recovery		
During operation	16	9.0
After operation	159	91.0
Intraoperative Intervention		
Cardioversion	5	31.2
Amiodarone	3	19.8
No	8	50.0
Time required for recovery, min, mean (SD)		
Cardioversion	4.0(1.0)	NA
Amiodarone	37.7(27.6)	NA
No	6.9(5.8)	NA
Duration of AF, time, mean (SD)		
Intraoperative recovery	14.6(16.4)	NA
Postoperative recovery	44.5(25.2)	NA

AF: Atrial fibrillation; NA: Not applicable

Table S2 Comparison of outcomes in AF recovery during or after operation

Variables ^a	During operation (n=16)	After operation (n=159)	P Value
Any complications	4 (25.0)	47 (29.6)	0.782
PPCs	2 (12.5)	45 (28.3)	0.242
Atelectasis	0 (0)	23 (14.5)	
Pulmonary infection	2 (12.5)	26 (14.9)	
Respiratory failure	0 (0)	7 (4.4)	
Pleural effusion	0 (0.6)	1 (0.6)	
Cardiovascular			
Atrial arrhythmia	2 (12.5)	4 (2.5)	0.095
Acute cerebral infarction	0 (0)	1 (0.63)	0.999
Acute myocardial infarction	1 (6.3)	0 (0)	0.091
Air leakage >5days	0 (0)	4 (2.5)	0.999
Chylothorax	0 (0)	1 (0.6)	0.999
Postoperative blood transfusion	1 (0.6)	1 (0.6)	0.999
Postoperative reoperation	0 (0)	1 (0.6)	0.999
ICU readmission	0 (0)	2 (1.3)	0.999
30-day readmission	0 (0)	2 (1.3)	0.999
ICU stay, h	30 [28-30]	28 [26-54]	0.503
Length of stay, d	4 [4-6]	6 [4-7]	0.031 ^b

^a Continuous data are shown as mean± standard deviation and categorical data as number (%); ^b Statistically significant (P<0.05). Length of stay and ICU stay, values as median (interquartile range). AF: Atrial fibrillation; PPCs: postoperative pulmonary complications; ICU: Intensive care unit.