

Table 4 The subgroup analysis for long-term freedom rate from atrial arrhythmia

Factors	Numbers of study items	Pooled incidence	95% CI	I ² (%)	<i>P</i> value
The number of center					0.78
multi-center	3	0.63	0.43-0.81	-	
single-center	13	0.66	0.61-0.71	35.41	
Age					0.11
≥70 years	2	0.74	0.68-0.84	-	
< 70 years	14	0.64	0.58-0.71	74.86	
Gender (Male)					0.09
≥70%	4	0.73	0.65-0.81	0.00	
< 70%	12	0.63	0.56-0.70	77.85	

AF ablation history					0.52
(+)	3	0.61	0.45-0.76	-	
(-)	13	0.67	0.61-0.72	48.26	
Proportion of PAF					0.72
≥50%	9	0.67	0.58-0.75	58.27	
< 50%	7	0.65	0.56-0.73	78.98	
Proportion of Watchman-device					0.92
≥50%	14	0.66	0.59-0.72	76.64	
< 50%	2	0.65	0.55-0.75	-	
Procedure strategy					0.15
First ablation Then LAAC	15	0.65	0.58-0.71	73.71	

First LAAC Then ablation	1	0.75	0.62-0.85	-	
Ablation strategy					0.85
PVI	4	0.66	0.59-0.73	0.00	
PVI+	12	0.65	0.57-0.72	79.52	

AF: atrial fibrillation; LAAC: left atrial appendage closure; PAF: paroxysmal atrial fibrillation; PVI: pulmonary vein isolation; PVI+: PVI plus linear and/or complex fractionated atrial electrogram ablations;