

# **SUPPLEMENTAL MATERIAL**

**Table S1. Confounders for new-onset atrial fibrillation in different pacing burden subgroups.**

Characteristic	HBP	RVP	P-value
All patients			
Age (years)	72.33 ± 11.58	75.71 ± 10.19	0.061
Ventricular pacing ≥ 20%			
Age (years)	71.55 ± 12.27	76.76 ± 9.71	0.024
Ventricular pacing ≥ 40%			
Age (years)	71.24 ± 12.51	76.42 ± 9.42	0.040
BMI (kg/m <sup>2</sup> )	30.78 ± 7.63	28.34 ± 5.58	0.090
Ventricular pacing ≥ 60%			
Age (years)	71.40 ± 12.75	76.51 ± 9.53	0.049
Ventricular pacing ≥ 80%			
Age (years)	71.15 ± 12.77	76.81 ± 8.75	0.034

HBP, His bundle pacing; RVP, right ventricular pacing; BMI, body mass index

**Table S2. Confounders of progression of atrial fibrillation burden by 10% in different pacing burden subgroups.**

Characteristic	HBP (n =33)	RVP ( n =44)	P-value
All patients			
Hypertension n (%)	27 (81.8%)	43 (97.7%)	0.016
Age (years)	73.33 ± 9.90	77.98 ± 9.23	0.037
Native QRS (ms)	112.64 ± 33.53	92.59 ± 16.81	0.003
Ventricular pacing burden ≥ 20%			
Age (years)	75.62 ± 9.59	80.09 ± 6.60	0.081
Native QRS (ms)	121.52 ± 37.24	98.64 ± 18.68	0.017
Ventricular pacing burden ≥ 40%			
Native QRS (ms)	125.65 ± 39.18	99.90 ± 19.12	0.022
Ventricular pacing burden ≥ 60%			
Age (years)	76.14 ± 9.55	81.33 ± 6.20	0.092
Native QRS (ms)	131.14 ± 40.00	100.53 ± 19.12	0.018
Ventricular pacing burden ≥ 80%			
Age (years)	75.33 ± 9.38	81.73 ± 5.90	0.067
Native QRS (ms)	131.33 ± 37.89	101.27 ± 21.40	0.030

HBP, His bundle pacing; RVP, right ventricular pacing;