

Table

Table 1. Comparison of baseline characteristics between patients with and without AHREs

	Total n=101	AHRE n=34	Non-AHRE n=67	p-value
Age (years)	75 ± 11	76 ± 10	75 ± 11	0.64
Gender, males, n (%)	51 (51)	14 (41)	37 (55)	0.18
Diagnosis				
SSS, n (%)	40 (39)	18 (53)	22 (33)	0.05*
AVB, n (%)	61 (61)	16 (48)	45 (67)	
Past medical history				
CI, n (%)	4 (4)	2 (6)	2 (3)	0.49
CHF, n (%)	17 (17)	6 (18)	11 (16)	0.87
IHD, n (%)	13 (12)	5 (15)	8 (12)	0.69
Prescription				
β blocker, n (%)	11 (11)	3 (8.8)	8 (12)	0.63
RASi, n (%)	54 (54)	20 (59)	34 (51)	0.44
Percentage of pacing				
Atrial pacing, %	41 ± 34	46 ± 33	39 ± 34	0.29
Ventricular pacing, %	64 ± 42	63 ± 42	65 ± 43	0.66
Laboratory data				
Cr, mg/dl	1.1 ± 0.5	1.2 ± 0.7	0.9±0.3	0.12
LDL chol., mg/dl	112 ± 34	107 ± 29	115 ± 37	0.31
Echocardiogram				
LAD, mm	39 ± 6	40 ± 5	39 ± 6	0.17
LVEF, %	66 ± 7	68 ± 8	66 ± 6	0.09
MR (III-IV), n (%)	3 (4)	0 (0)	3 (5)	0.12
TR (III-IV), n (%)	6 (7)	3 (11)	3 (5)	0.34

Values were represented by mean ± SD or n (%), SSS: Sick sinus syndrome, AVB: Atrioventricular block, CI: Cerebral infarction, CHF: Chronic heart failure, IHD: Ischemic heart disease, RASi: Renin angiotensin system inhibitor, LAD: Left atrium dimensions, LVDd: Left ventricular diastolic dimensions, MR: Mitral regurgitation, TR: Tricuspid regurgitation

Table 2. *Analysis of P wave between patients with and without AHREs*

	Total n=101	AHRE n=34	Non-AHRE n=67	p-value
P wave analysis				
Maximum P wave duration, ms	122 ± 18	132 ± 22	117 ± 13	0.0009*
Minimum P wave duration, ms	76 ± 18	69 ± 20	79 ± 16	0.02*
PWD, ms	46 ± 18	63 ± 13	38 ± 14	<0.0001*
Maximum P wave amp., mV	0.15 ± 0.09	0.17 ± 0.15	0.14 ± 0.05	0.4
P wave amp. in V1 lead, mV	0.11 ± 0.05	0.11 ± 0.06	0.11 ± 0.05	0.8
P wave duration in V1 lead, ms	100 ± 23	111 ± 26	95 ± 20	0.005*
P wave amp. in II lead, mV	0.13 ± 0.06	0.12 ± 0.07	0.13 ± 0.05	0.2
P wave duration in II lead, ms	112 ± 23	118 ± 24	109 ± 22	0.04*

Values were represented by mean ± SD or n (%), PWD: P wave dispersion, amp.: Amplitude

Table 3. *Independent predictors for new appearance of AHRE following CIED implantation*

	Univariate analysis		Multivariate analysis	
	HR (95%CI)	<i>p</i> -value	HR (95%CI)	<i>p</i> -value
SSS	2.30 (0.99-5.36)	0.05	1.6 (0.44-5.80)	0.48
LAD	1.05 (0.96-1.14)	0.17	0.94 (0.84-1.10)	0.26
PWD	1.13 (1.08-1.18)	< 0.0001*	1.11 (1.06-1.17)	< 0.0001*

SSS: Sick sinus syndrome, LAD: Left atrium dimensions, PWD: P wave dispersion