

Higher premature atrial complex burden from the Holter examination predicts poor cardiovascular outcome

Brief title: PACs increase the risk of mortality

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Supplementary Table S1: Premature atrial complex burdens (presented as ln PAC) in each age bracket and gender

Age	Gender	n	Median	Mean	SD	Min	Max	IQR
18~29	Male	639	1.39	1.62	1.58	0.00	9.91	1.50
18~29	Female	822	1.10	1.46	1.63	0.00	10.17	1.95
30~39	Male	554	1.61	1.78	1.58	0.00	9.27	1.70
30~39	Female	836	1.39	1.64	1.66	0.00	10.39	1.39
40~49	Male	893	2.08	2.43	1.89	0.00	10.32	1.66
40~49	Female	1217	1.79	2.10	1.78	0.00	11.67	1.67
50~59	Male	1468	2.56	2.87	1.91	0.00	10.48	1.92
50~59	Female	1917	2.48	2.71	1.80	0.00	10.68	1.89
60~69	Male	1632	3.26	3.59	1.98	0.00	10.85	2.00
60~69	Female	1820	3.30	3.49	1.83	0.00	10.47	2.09
70~79	Male	1194	4.26	4.61	2.15	0.00	11.16	2.70
70~79	Female	1366	4.32	4.57	2.00	0.00	10.63	2.44
80~89	Male	701	5.05	5.19	2.22	0.00	10.93	2.96
80~89	Female	692	4.91	5.09	2.17	0.00	11.63	2.72
≥90	Male	77	5.90	5.75	2.52	0.00	10.24	3.46
≥90	Female	65	5.20	5.53	2.14	0.00	10.54	2.76

Abbreviations: Min: minimum, Max: maximum, SD: standard deviation

Supplementary Table S2: Definitions of terms

Definitions	
Hypertension	Documented in medical records of outpatient department or discharge note and/or concurrent use of calcium channel blockers
Diabetes mellitus	Documented in medical records of outpatient department or discharge note and/or HbA1c $\geq 7.0\%$ and/or concurrent use of anti-diabetic drugs
Hyperlipidemia	Documented in medical records of outpatient department or discharge note and/or concurrent use of statin and/or abnormal lipid panels (LDL ≥ 160 , TG ≥ 150 , total cholesterol ≥ 200 mg/dL)
Chronic kidney disease	Documented in medical records of outpatient department or discharge note and/or eGFR ≤ 60 mL/min/1.73m ²
Atrial fibrillation	Documented atrial fibrillation in 12-lead surface electrocardiogram or 24-hour Holter monitor

Abbreviations: eGFR, estimated glomerular filtration rate; HbA1c, glycated hemoglobin;

LDL; low-density lipoprotein; TG; triglyceride