

Supplementary table 2. Univariate Cox regression analyses for all-cause mortality.

Variables	Change	HRs (95% CI)	p values
Gender	female VS. male	1.72 [0.99;2.98]	0.054
Age	per 1 SD increase	1.71 [1.26;2.32]	0.001
Family history of HCM	yes VS. no	0.91 [0.36;2.28]	0.837
Family history of SCD	yes VS. no	2.45 [0.97;6.16]	0.057
NYHA III-IV	yes VS. no	1.91 [1.02;3.59]	0.043
Symptoms			
Dyspnea	yes VS. no	2.58 [1.38;4.84]	0.003
Chest pain	yes VS. no	0.82 [0.47;1.40]	0.459
Syncope/pre-syncope	yes VS. no	0.84 [0.47;1.50]	0.555
Palpitation	yes VS. no	0.72 [0.41;1.26]	0.248
Medical History			
Prior TE	yes VS. no	2.99 [1.28;7.00]	0.012
Vascular disease	yes VS. no	1.42 [0.56;3.58]	0.457
Hypertension	yes VS. no	1.37 [0.78;2.39]	0.270
Diabetes	yes VS. no	1.41 [0.60;3.29]	0.433
Atrial fibrillation	yes VS. no	2.34 [1.31;4.17]	0.004
Therapy			
Aspirin	yes VS. no	1.34 [0.72;2.51]	0.357
Clopidogrel	yes VS. no	1.52 [0.55;4.21]	0.424
Warfarin	yes VS. no	2.24 [1.12;4.46]	0.022
Statin	yes VS. no	1.57 [0.90;2.74]	0.113
Beta blocker	yes VS. no	0.62 [0.35;1.10]	0.105
ACEI/ARB	yes VS. no	0.89 [0.43;1.82]	0.748

Intervention of obstruction			
None		Ref.	Ref.
Alcohol septal ablation		0.54 [0.17;1.73]	0.299
Septal myectomy		1.45 [0.20;10.5]	0.713
Devices			
None		Ref.	Ref.
Pacemaker		1.63 [0.51;5.24]	0.413
ICD		0.63 [0.19;2.02]	0.434
Blood index			
Hgb (g/L)	per 1 SD increase	0.70 [0.53;0.91]	0.008
Platelet count (10 ⁹ /L)	per 1 SD increase	1.03 [0.78;1.36]	0.820
WBCC (10 ⁹ /L)	per 1 SD increase	1.13 [0.89;1.42]	0.311
Lymphocyte count (10 ⁹ /L)	per 1 SD increase	1.23 [1.01;1.50]	0.039
Neutrophil count (10 ⁹ /L)	per 1 SD increase	0.42 [0.25;0.70]	0.001
Monocyte count (10 ⁹ /L)	per 1 SD increase	1.37 [1.09;1.73]	0.007
Creatinine (μmol/L)	per 1 SD increase	1.13 [0.98;1.30]	0.100
Uric acid (μmol/L)	per 1 SD increase	1.54 [1.18;2.00]	0.001
TG (mmol/L)	per 1 SD increase	0.65 [0.43;0.98]	0.042
HDL-C (mmol/L)	per 1 SD increase	0.98 [0.74;1.28]	0.874
LDL-C (mmol/L)	per 1 SD increase	0.75 [0.57;1.00]	0.050
Echocardiographic parameters			
LVEDD (mm)	per 1 SD increase	0.80 [0.60;1.09]	0.156
LA diameter (mm)	per 1 SD increase	1.40 [1.10;1.79]	0.007
MWT (mm)	per 1 SD increase	0.92 [0.71;1.21]	0.564
LVEF (%)	per 1 SD increase	0.77 [0.61;0.96]	0.023

Hg	Resting LVOTG \geq 30 mm	yes VS. no	1.57 [0.91;2.69]	0.103
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Abbreviations as in tables 1 and 2.