

Table 4. Cox proportional hazards analysis of cardiovascular events in HFpEF patient

	Univariate analysis		Multivariate analysis	
	HR (95% CI)	P	HR (95% CI)	P
HF-related events				
H ₂ FPEF score (BMI ≥ 30 kg/m ²)	1.081 (1.037-1.126)	<0.001	1.065 ((1.019-1.112)	0.005
Female (%)	0.726 (0.529-0.996)	0.047		
IVST (mm)	1.125 (1.010-1.254)	0.032	3.886 (1.048-14.402)	0.042
DBP (mm Hg)	0.998 (0.986-1.009)	0.689		
Heart rate	1.001 (0.996-1.007)	0.636		
Cre	1.002 (0.996-1.008)	0.491		
eGFR	0.992 (0.984-0.999)	0.029		
UA	1.001 (1.000-1.003)	0.090		
Hemoglobin (g/L)	0.996 (0.989-1.004)	0.340		
LAD (mm)	1.059 (1.029-1.091)	<0.001		
RAD (mm)	1.021 (0.999-1.044)	0.068		
Spironolactone (%)	1.500 (1.108-2.030)	0.009		
Loop diuretic (%)	1.266 (0.882-1.818)	0.200		
Anticoagulant drug (%)	1.617 (1.033-2.531)	0.036		
Digoxin	2.270 (1.288-4.001)	0.005	2.395 (1.150-4.985)	0.020
Acute coronary syndrome events				
H ₂ FPEF score (BMI ≥ 30 kg/m ²)	1.054 (0.997-1.115)	0.066	-	-
Female (%)	0.919 (0.611-1.382)	0.684		
DBP (mm Hg)	1.006 (0.992-1.021)	0.381		
Heart rate	0.995 (0.987-1.003)	0.227		
Cre	1.000 (0.991-1.008)	0.917		
eGFR	0.998 (0.988-1.008)	0.701		
UA	0.999 (0.997-1.001)	0.476		
Hemoglobin (g/L)	1.002 (0.992-1.012)	0.701		
LAD (mm)	1.0505(0.996-1.044)	0.813		

RAD (mm)	1.002 (0.971-1.034)	0.918
Spirolactone (%)	1.159 (0.777-1.727)	0.470
Loop diuretic (%)	1.609 (0.963-2.686)	0.069
Anticoagulant drug (%)	1.833 (0.977-3.438)	0.059

HF, heart-failure; IVST, interventricular septal thickness; LVPW, left ventricular posterior wall thickness. HFpEF: heart failure with preserved ejection fraction; BMI, body mass index; DBP, diastolic blood pressure; Cre, creatinine; eGFR, estimated glomerular filtration rate; UA, uric acid; LAD, left atrial diameter; RAD, right atrial diameter.