

**Supplementary Table S1** Multivariate Cox proportional hazards model (severe disease,  $n = 52$ )

	Hazard ratio	Confidence interval	Significance
Ever smoker	1.36	0.75–2.48	0.308
CKD grade 3 or above	0.67	0.32–1.33	0.266
Prophylactic anticoagulationc	0.36	0.16–0.8	<b>0.014</b>
Therapeutic anticoagulationc	0.27	0.08–0.55	<b>0.001</b>
CS treatment duration (days)	0.87 <sup>a</sup>	0.76–0.98	<b>0.033</b>

Abbreviations: CKD, chronic kidney disease; ICU, intensive care unit; CS, corticosteroid.

Note: Bold represents statistically significant values.

<sup>a</sup>Per 1-day increase.

<sup>b</sup>Compared to No anticoagulation.

**Supplementary Table S2** Multivariate Cox proportional hazards model (critical disease,  $n = 75$ )

	Hazard ratio	Confidence interval	Significance
Ever smoker	2.20	1.33–3.66	0.002
CKD grade 3 or above	0.70	0.41–1.17	0.18
Prophylactic anticoagulationc	0.15	0.04–0.73	<b>0.022</b>
Therapeutic anticoagulationc	0.07	0.02–0.32	<b>0.002</b>
CS treatment duration (days)	0.89 <sup>a</sup>	0.84–0.95	<b>0.001</b>

Abbreviations: CKD, chronic kidney disease; ICU, intensive care unit; CS, corticosteroid.

Note: Bold represents statistically significant values.

<sup>a</sup>Per 1-day increase.

<sup>b</sup>Compared to No anticoagulation.