

**eTable 2. Risk factors associated with mortality**

Variables		Univariable analysis HR, 95% CI	p-value	Multivariable analysis HR, 95% CI	p-value
Age (years)		1.094 (1.078-1.110)	<0.001		
Age range (years)					
	≤50	Ref.		Ref.	
	]50-65]	6.9 (2.8-17.1)	<0.001	4.5 (1.8-11.8)	0.002
	> 65	27.3 (12.0-61.9)	<0.001	14.1 (6.0-33.4)	<0.001
BMI		1.0 (0.9-0.99)	0.015		
BMI range (kg/m <sup>2</sup> )					
	≤25	Ref.		Ref.	
	]25-30]	0.9 (0.6-1.3)	0.49	0.8 (0.5-1.1)	0.16
	]30-35]	0.7 (0.4-1.2)	0.16	0.6 (0.3-1.1)	0.08
	> 35	0.4 (0.2-1.1)	0.08	0.8 (0.3-2.4)	0.75
Females		0.8 (0.6-1.1)	0.20	1.0 (0.7-1.4)	0.78
Smoking		1.2 (0.9-1.7)	0.21		
Cerebral ischemic attack		3.1 (1.7-5.4)	<0.001	1.7 (0.9-3.4)	0.12
Arteriopathy		4.6 (2.7-8.0)	<0.001	2.1 (1.1-4.2)	0.025
Atrial fibrillation		8.6 (5.5-13.5)	<0.001	1.5 (0.8-2.6)	0.19
Transient cerebral ischemic attack		2.1 (0.7-6.7)	0.20		
Familial History of VTE		0.3 (0.2-0.6)	<0.001	0.6 (0.3-0.9)	0.028
Statins		0.5 (0.3-1.1)	0.10	0.2 (0.1-0.5)	<0.001
Antiplatelet agents		3.1 (2.1-4.6)	<0.001	1.1 (0.7-1.9)	0.67
Restrictive ventilation disorder		4.0 (1.6-9.8)	0.002	3.6 (1.3-9.6)	0.012
Bronchiectasis		0.7 (0.1-4.6)	0.66		
Asthma		1.7 (0.4-6.9)	0.45		
COPD		3.3 (2.1-5.1)	<0.001	1.4 (0.9-2.4)	0.17
Acute cardiac failure history		11.0 (6.6-18.3)	<0.001	3.9 (2.1-7.4)	<0.001
Chronic cardiac failure history		5.0 (3.4-7.3)	<0.001	1.8 (1.1-3.0)	0.025
Cancer		5.4 (3.6-8.0)	<0.001	5.7 (3.1-10.5)	<0.001
Unprovoked VTE		1.6 (1.2-2.3)	0.004	1.8 (1.1-3.0)	0.024
OSA history		0.8 (0.2-3.0)	0.69	0.2 (0.0-1.3)	0.90
OSA occurrence		0.0 (0.0-Inf)	0.99	0.0 (0.0-Inf)	0.99
Anticoagulation duration range (days)					
	90-180	0.4 (0.2-0.6)	<0.001	0.6 (0.3-0.9)	0.028
	180-360	0.4 (0.3-0.6)	<0.001	0.5 (0.3-0.8)	0.002
	> 360	0.4 (0.3-0.7)	0.002	0.5 (0.3-0.8)	0.01
Anticoagulation duration		1.0 (1.0-1.0)	0.40		

BMI, body mass index; OSA, Obstructive Sleep Apnea; VTE, Venous Thromboembolism; COPD, chronic obstructive pulmonary disease