

Comparison of Fibrin Monomers and D-dimers to predict thrombotic events in critically ill patients with COVID-19 pneumonia: a retrospective study.

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Supplementary data

Figure S1. Prophylactic anticoagulation regimens. Patients were censored if a thrombotic event, intensive care unit discharge, or death occurred, whichever the first.

Supplementary table 1. Distribution of fibrin monomers and D-dimers plasma level in ECMO patients versus non ECMO patients.

Supplementary table 2. Odds of developing thrombotic events based on fibrin monomers and D-dimers plasma level.

Supplementary table 1

Distribution of fibrin monomers and D-dimers plasma level in ECMO patients versus non ECMO patients.

	Day 0	Day 2	Day 5	Day 8	Day 11	Day 14
Fibrin Monomers						
ECMO (n=19), median (IQR)	7000 (5000- 46300)	5350 (5000- 37225)	5000 (5000- 8995)	6900 (5000- 19510)	9500 (5000- 50540)	5000 (5000- 7925)
No ECMO (n=145), median (IQR)	6000 (5000- 43420)	5000 (5000- 32755)	5000 (5000- 50500)	5000 (5000- 9673)	5000 (5000- 5750)	6600 (5000- 14225)
p-value	0.9339	0.9479	0.3630	0.6455	0.4403	0.4387
D-dimers						
ECMO (n=19), median (IQR)	1600 (935- 5145)	4640 (1348- 16518)	3580 (2197- 10454)	7646 (5677- 19049)	11175 (4342- 19750)	3861 (3205- 13005)
No ECMO (n=145), median (IQR)	2004 (1200- 5000)	1580 (1021- 7191)	2100 (1390- 5212)	2705 (1640- 8633)	2700 (1665- 3890)	2780 (1477- 6940)
p-value	0.6258	0.3688	0.1000	0.0928	0.0008	0.1049

Supplementary table 2

Odds of developing thrombotic events based on fibrin monomers and D-dimers plasma level. Fibrin monomers and D-dimers values are log-transformed to approach a normal distribution. Odds after day 5 are not shown because the majority of thrombotic events (37/46) occurred before day 8.

	Day 0			Day 2			Day 5		
	OR	95%CI	p	OR	95%CI	p	OR	95%CI	p
Fibrin Monomers									
All thrombotic events	1.30	0.92-1.83	0.13	2.03	1.06-3.9	0.03	0.88	0.45-1.74	0.71
VTE and ATE only	2.82	1.18-6.94	0.02	4.44	0.71-29.03	0.09	1.87	0.41-7.64	0.38
D-dimers									
All thrombotic events	1.64	1.15-2.32	0.01	2.24	1.4-3.57	<0.001	1.83	1.16-2.9	0.01
VTE and ATE only	3.63	1.46-9.84	0.01	4.26	0.99-23.55	0.06	2.53	1.11-5.04	0.02

OR: odds ratio. CI: confidence interval. VTE: venous thromboembolism. ATE: arterial thrombotic events.