



WEB FIG.1 Timeline of occurrence of maximum cumulative fluid overload (percent body weight).

WEB TABLE I MULTIVARIATE ANALYSIS FOR ASSOCIATION OF VARIABLES WITH MORTALITY

Factors	OR (95 % CI)	P value
Age	1.01 (1.00, 1.03)	0.013
Gender	1.60 (0.41, 6.20)	0.49
BMI	1.14 (0.88, 1.48)	0.30
Maximum PELOD score	1.12 (1.05, 1.20)	0.001
Lactate at admission	1.17 (0.70, 1.96)	0.53
Maximum OI	1.02 (0.97, 1.07)	0.34
Sepsis at admission	8.80 (1.96, 39.36)	0.004
PIM2 score at admission	1.05 (1.01, 1.10)	0.014
Maximum cumulative fluid overload	1.02 (0.97, 1.07)	0.32
Cumulative fluid overload at 48 h	1.09 (0.97, 1.23)	0.12

WEB TABLE II MULTIVARIATE ANALYSIS OF FACTORS INFLUENCING THE MAXIMUM PELOD SCORE, DURATION OF MECHANICAL VENTILATION AND DURATION OF PICU STAY DURING THE STUDY PERIOD

Factors	Association with maximum PELOD score		Association with duration of mechanical ventilation		Association with duration of PICU stay	
	Regression coefficient (95 % CI)	P value	Regression coefficient (95 % CI)	P value	Regression coefficient (95 % CI)	P value
Age	- 0.00 (-0.04, -0.04)	0.953	0.02 (-0.00, 0.05)	0.061	0.02 (-0.01, 0.05)	0.19
Gender	1.07 (-3.33, 5.48)	0.629	- 0.19 (-3.00, 2.61)	0.890	0.06 (-3.25, 3.38)	0.96
BMI	0.69 (-0.25, 1.65)	0.151	- 0.18 (-0.79, 0.43)	0.562	- 0.34 (-1.07, 0.38)	0.34
Lactate at admission	1.60 (0.53, 2.68)	0.004	- 0.24 (-0.96, 0.46)	0.491	- 0.12 (-0.97, 0.71)	0.76
Maximum cumulative fluid overload	0.16 (0.02, 0.31)	0.023	0.38 (0.29, 0.48)	<0.001	0.49 (0.38, 0.61)	<0.001
Sepsis at admission	2.35 (-2.09, 6.81)	0.296	- 0.15 (-3.00, 2.69)	0.914	1.65 (-1.72, 5.02)	0.33
PIM2 score at admission	0.19 (0.77, 0.31)	0.001	0.07 (-0.00, 0.15)	0.064	0.02 (-0.66, 0.12)	0.55
Cumulative fluid overload at 48 h	- 0.16 (-0.49, 1.65)	0.306	- 0.35 (-0.56, 0.14)	0.001	- 0.49 (-0.73, 0.24)	<0.001
Maximum PELOD score	—	—	- 0.07 (-0.20, 0.05)	0.259	- 0.18 (-0.33, 0.02)	0.02