

Supplementary Table S1. Changes in ventilator settings between the extended group and the conventional group during the 24-hour study period

Variable	Extended group (n=14)	Conventional group (n=48)	p-value
Pre-ECMO			
Positive end-expiratory pressure, cm H ₂ O	10 (10–12)	10 (8–12)	0.60
Peak inspiratory pressure, cm H ₂ O	28 (27–30)	28 (23–30)	0.67
Dynamic driving pressure, cm H ₂ O	17 (15–20)	16 (14–20)	0.58
Tidal volume, mL	436 (350–512)	390 (300–600)	0.83
Respiratory rate, breaths/min	23 (20–28)	22 (16–27)	0.37
FiO ₂	0.8 (0.7–1.0)	1.0 (1.0–1.0)	<0.001
4 Hours			
Positive end-expiratory pressure, cm H ₂ O	10 (8–10)	10 (8–10)	0.93
Peak inspiratory pressure, cm H ₂ O	20 (19–24)	20 (20–26)	0.46
Dynamic driving pressure, cm H ₂ O	11 (10–15)	12 (10–15)	0.58
Tidal volume, mL	256 (225–421)	258 (170–400)	0.55
Respiratory rate, breaths/min	16 (12–20)	14 (11–19)	0.24
FiO ₂	0.5 (0.4–0.6)	0.5 (0.4–0.6)	0.81
24 Hours			
Positive end-expiratory pressure, cm H ₂ O	8 (6–10)	10 (8–10)	0.051
Peak inspiratory pressure, cm H ₂ O	20 (18–20)	22 (20–24)	0.006
Dynamic driving pressure, cm H ₂ O	10 (10–12)	12 (10–15)	0.13
Tidal volume, mL	325 (270–458)	264 (120–380)	0.21
Respiratory rate, breaths/min	12 (12–19)	14 (10–20)	0.92
FiO ₂	0.5 (0.4–0.5)	0.4 (0.4–0.6)	0.66

Values are presented as median (interquartile range).

ECMO: extracorporeal membrane oxygenation; FiO₂: fraction of inspired oxygen.