

**Supplementary Table 3.** Postoperative data (before matching)

Variable	Daily fluid balance		P-value
	< 20 ml/kg (n = 194)	≥ 20 ml/kg (n = 126)	
No. of vasopressors			<0.001 <sup>a</sup>
0	130 (67.0)	43 (34.1)	
1	45 (23.2)	49 (38.9)	
2	15 (7.7)	19 (15.1)	
3	4 (2.1)	14 (11.1)	
4	0 (0.0)	1 (0.8)	
NE day	3 (2–4)	5 (2–8)	<0.001 <sup>b</sup>
Initial NE dose (µg/kg/min)	0.091 (0.047–0.139)	0.119 (0.071–0.247)	0.018 <sup>b</sup>
Highest NE dose (µg/kg/min)	0.175 (0.099–0.380)	0.376 (0.141–0.762)	<0.001 <sup>b</sup>
RRT	7 (3.6)	31 (24.6)	<0.001
Average daily intake (ml)	3,329 (2,865–3,981)	4,051 (3,315–4,824)	<0.001 <sup>b</sup>
Average daily urine (ml)	2,147 (1,732–2,618)	1,318 (936–1,962)	<0.001 <sup>b</sup>
Average daily fluid balance (ml)	611 (234–867)	1,820 (1,376–2,334)	<0.001 <sup>b</sup>
Daily fluid balance/bw (ml/kg)	10.31 (4.18–14.33)	30.60 (24.27–42.43)	<0.001 <sup>b</sup>
Initial fSOFA	3 (1–4)	3 (1–5)	0.731 <sup>b</sup>
fSOFA at ICU discharge	2 (1–3)	4 (2–8)	<0.001 <sup>b</sup>
Delta SOFA (n/day)	–0.15 (–0.67 to 0.20)	0.14 (–0.50 to 0.57)	<0.001 <sup>b</sup>

Values are presented as number (%) or median (interquartile range).

NE: norepinephrine; RRT: renal replacement therapy; bw: body weight; fSOFA: full Sequential Organ Failure Assessment; ICU: intensive care unit; SOFA: Sequential Organ Failure Assessment.

<sup>a</sup>Fisher’s exact test; <sup>b</sup>Mann-Whitney U-test.

**Supplementary Table 4.** Clinical outcomes (before matching)

Variable	Daily fluid balance		P-value
	< 20 ml/kg (n = 194)	≥ 20 ml/kg (n = 126)	
HLOS (day)	13 (10–21)	17 (9–29)	0.163 <sup>a</sup>
ICU LOS (day)	2 (1–5)	4 (1–13)	<0.001 <sup>a</sup>
MV day	0 (0–1)	1 (0–9)	<0.001 <sup>a</sup>
In-hospital mortality	9 (4.6)	32 (25.4)	<0.001
30-Day mortality	4 (2.1)	29 (23.0)	<0.001 <sup>b</sup>

Values are presented as median (interquartile range) or number (%).

HLOS: hospital length of stay; ICU: intensive care unit; LOS: length of stay; MV: mechanical ventilation.

<sup>a</sup>Mann-Whitney U test; <sup>b</sup>Fisher’s exact test.

**Supplementary Table 5.** Complications (before matching)

Variable	Daily fluid balance		P-value
	< 20 ml/kg (n = 194)	≥ 20 ml/kg (n = 126)	
Pre-existing pleural effusion	66 (34.0)	43 (34.1)	0.984
Newly developed pleural effusion	101 (52.1)	78 (61.9)	0.106
PCD for pleural effusion	25 (12.9)	36 (28.6)	<0.001
Pre-existing pulmonary consolidation	10 (5.2)	18 (14.3)	0.005
Newly developed pulmonary consolidation	36 (18.6)	65 (51.6)	<0.001
Reintubation	12 (6.2)	26 (20.6)	<0.001
Infectious complication	73 (37.6)	74 (58.7)	<0.001
Reoperation for anastomosis leakage	4 (2.1)	10 (7.9)	0.022 <sup>a</sup>

Values are presented as number (%).

PCD: percutaneous drainage.

<sup>a</sup>Fisher’s exact test.