

Supplementary Table 1. Baseline characteristics (before matching)

Variable	Daily fluid balance		P-value
	<20 ml/kg (n=194)	≥20 ml/kg (n=126)	
Age (yr)	67.0 (54.0–78.0)	69.5 (57.0–79.0)	0.414 ^a
Sex (male:female)	74 (38.1):120 (61.9)	61 (48.4):5 (51.6)	0.089
Body weight (kg)	60.77 ± 11.27	56.08 ± 10.13	<0.001
Height (m)	165 (158–72)	163 (155–170)	0.044
BMI (kg/m ²)	22.46 ± 3.18	21.29 ± 3.15	0.001
CCI	4 (2–5)	4 (2–5)	0.385 ^a
Comorbidity			
HTN	2 (47.4)	70 (55.56)	0.106
CAOD	17 (8.8)	11 (8.7)	1.000
DM	48 (24.7)	27 (21.4)	0.583
CRF	5 (2.5)	8 (6.4)	0.224
Malignancy	36 (18.5)	27 (21.4)	0.805
COPD	8 (4.1)	7 (5.6)	0.748
LC	9 (4.6)	1 (0.8)	0.095 ^b
Diagnosis			0.053
Mechanical	72 (37.1)	44 (34.9)	
Vascular	23 (11.9)	25 (19.8)	
Ulceration	62 (32.0)	44 (34.9)	
Infection	37 (19.1)	13 (10.3)	
Location			0.120 ^b
Stomach	46 (23.7)	25 (19.8)	
Duodenum	14 (7.2)	7 (5.6)	
Small bowel	53 (27.3)	45 (35.7)	
Large bowel	78 (40.2)	42 (33.3)	
Multifocal	3 (1.5)	7 (5.6)	
Perforation	150 (77.3)	99 (78.6)	0.900
Laparoscopic/open surgery	27(13.9)/167(86.1)	24(19.0)/102(81.0)	0.221

Values are presented as median (interquartile range), number (%), or mean ± standard deviation.

BMI: body mass index; CCI: Charlson comorbidity index; HTN: hypertension, CAOD: coronary artery occlusive disease; DM: diabetes mellitus; CRF: chronic renal failure; COPD: chronic obstructive pulmonary disease; LC: liver cirrhosis.

^aMann-Whitney U-test; ^bFisher's exact test.

Supplementary Table 2. Initial status of the patients (before matching)

Variable	Daily fluid balance		P-value
	<20 ml/kg (n=194)	≥20 ml/kg (n=126)	
APACHE II	12 (9–17)	12 (9–16)	0.437 ^a
ASA			0.021 ^b
1	56 (28.9)	28 (22.2)	
2	106 (54.6)	62 (49.2)	
3	30 (15.5)	36 (28.6)	
4	2 (1.0)	0	
qSOFA			0.090 ^b
0	142 (73.2)	78 (61.9)	
1	40 (20.6)	32 (25.4)	
2	11 (5.7)	14 (11.1)	
3	1 (0.5)	2 (1.6)	
fSOFA	3 (1–4)	3 (1–5)	0.731 ^a
SIRS			1.000 ^b
0	19 (9.8)	12 (9.5)	
1	60 (30.9)	39 (31.0)	
2	71 (36.6)	46 (36.5)	
3	41 (21.1)	27 (21.4)	
4	3 (1.5)	2 (1.6)	
SBP (mm Hg)	120 (101–141)	110 (92–130)	0.002 ^a
Respiration rate (n/min)	16 (14–20)	16 (14–20)	0.545 ^a
Preoperative shock	52 (26.8)	50 (39.7)	0.022
Preoperative vasopressor use	23 (11.9)	19 (15.1)	0.506

Values are presented as median (interquartile range) or number (%). APACHE: Acute Physiology and Chronic Health Evaluation; ASA: American Society of Anesthesiology; qSOFA: Quick Sequential Organ Failure Assessment; fSOFA: full Sequential Organ Failure Assessment; SBP: systolic blood pressure.

^aMann-Whitney U-test; ^bFisher's exact test.