

Supplemental Table 1. Baseline characteristics of patients aged 18–60 years with and without acute kidney injury (AKI)

Clinical features	without AKI (n=8686)	With AKI (n=560)	p-value
Age (years)	44.25±10.43	45.06±10.18	0.074
BMI	22.93±4.93	22.54±3.83	0.07
eGFR	101.98±16.38	94.41±19.78	<0.001
Male	4267 (49.13%)	300 (53.57%)	0.041
Smoking	1213 (13.97%)	105 (18.75%)	0.002
Alcohol consumption	822 (9.46%)	74 (13.21%)	0.004
Anemia	1538 (17.71%)	161 (28.75%)	<0.001
Hypertension	1884 (21.69%)	211 (37.68%)	<0.001
Diabetes mellitus	509 (5.86%)	52 (9.29%)	<0.001
ACEI	189 (2.18%)	21 (3.75%)	0.015
ARB	116 (1.34%)	13 (2.32%)	0.054
CCB	1125 (12.95%)	119 (21.25%)	<0.001
Diuretics	77 (0.89%)	19 (3.39%)	<0.001
ASA grade			<0.001
I–II	6633 (76.36%)	317 (56.61%)	
III–V	2053 (23.64%)	243 (43.39%)	
Anesthesia method			<0.001

General anesthesia	7735 (89.05%)	531 (94.82%)	
Non-general anesthesia	951 (10.95%)	29 (5.18%)	
Emergency	1395 (16.06%)	130 (23.21%)	<0.001
Surgical Grade			<0.001
1	245 (2.82%)	14 (2.50%)	
2	2746 (31.61%)	118 (21.07%)	
3	5349 (61.58%)	386 (68.93%)	
4	346 (3.98%)	42 (7.50%)	
Operative time (min)			<0.001
≤60	1338 (15.4%)	63 (11.25%)	
61–120	2176 (25.05%)	111 (19.82%)	
121–180	2032 (23.39%)	135 (24.11%)	
>180	3140 (36.15%)	251 (44.82%)	
Intraoperative erythrocyte			<0.001
Transfusion, mL (%)			
<100	6735 (77.54)	339 (60.54)	
100–600	868 (9.99)	82 (14.64)	
601–1000	508 (5.85)	42 (7.50)	
>1000	575 (6.62)	97 (17.32)	
Amount of Blood loss, mL			<0.001
(%)			
<100	2623 (30.20)	131 (23.39)	

100–600	4771 (54.93)	292 (52.14)	
601–1000	670 (7.71)	60 (10.71)	
>1000	622 (7.16)	77 (13.75)	
Amount of fluid infusion (10 mL/24 h)	916.67 (625.00– 1432.29)	1125.00 (703.12– 1604.17)	<0.001
Amount of fluid out (10 mL/24 h)	333.33 (145.83–541.67)	375.00 (208.33– 687.50)	<0.001
Intraoperative Hypotension	930 (10.71%)	81 (14.46%)	0.006
Vasoactive drugs	664 (7.64%)	71 (12.68%)	<0.001
Parecoxib	934 (10.75%)	39 (6.96%)	0.005
Admission to ICU	376 (4.33%)	57 (10.18%)	<0.001
Death	32 (0.37%)	26 (4.64%)	<0.001

AKI: acute kidney injury, BMI: body mass index, eGFR: estimated glomerular filtration rate, ACEI: angiotensin-converting enzyme inhibitors, ARB: angiotensin receptor blockers, CCB: calcium-channel blockers, ASA: American Society of Anesthesiologists, Non-general anesthesia include neuraxial anesthesia (spinal or epidural) and nerve block anesthesia, ICU: intensive care unit. Data are expressed as the number of patients (%) or mean \pm standard deviation (SD).