

Supplementary Table 2. Univariate and multivariate analysis between potential risk factors including PPI < 1.5 with postoperative AKI

		Univariate analysis		Multivariate analysis	
		OR (95% CI)	P value	OR (95% CI)	P value
Sex	M	2 (0.00 to 4.00)	0.094	3.24 (1.94 to 5.4)	< 0.001
Age (> 65 yr)	> 65 yr	1.26 (0.87 to 1.83)	0.217	1.65 (1.08 to 2.51)	0.020
ASA (> 2)	> 2	3.89 (2.67 to 5.7)	< 0.001	1.69 (1.08 to 2.65)	0.023
Obesity (BMI > 25)	BMI > 25	1.45 (0.99 to 2.12)	0.013	1.7 (1.12 to 2.50)	0.013
HTN	Positive	1.6 (0.98 to 2.61)	0.056		
DM	Positive	0.71 (0.34 to 1.49)	0.368		
Heart disease*	Positive	1.22 (0.52 to 2.89)	0.650		
Liver disease	Positive	1.26 (0.64 to 2.48)	0.504		
Neurovascular disease	Positive	1.55 (0.54 to 4.47)	0.412		
Renal disease[†]	Positive	6.79 (4.35 to 10.6)	< 0.001	6.14 (3.53 to 10.7)	< 0.001
Anemia	Hb < 11	1.96 (1.32 to 2.90)	0.001		
Hypoalbuminemia	< 3.5	2.31 (1.41 to 3.80)	0.001		
Anesthetic type	TIVA	1.34 (0.52 to 3.43)	0.547		
Duration of surgery	> 3 h	2.77 (1.70 to 4.53)	< 0.001	2.13 (1.23 to 3.68)	0.007
Transfusion	Positive	4.78 (3.18 to 7.2)	< 0.001	3.81 (2.39 to 6.1)	< 0.001
Fluid infusion rate₁	< 4 ml·kg⁻¹·h⁻¹	1.68 (1.09 to 2.61)	0.020		
	> 12 ml·kg⁻¹·h⁻¹	4.51 (2.26 to 9.0)	< 0.001		
Emergency	Positive	4.00 (3.00 to 5.00)	< 0.001	2.42 (1.15 to 5.1)	0.020
PPI < 1.5	> 10%	1.47 (1.00 to 2.15)	< 0.001	1.47 (0.95 to 2.26)	0.081
Hypotension	> 10%	2.51 (1.50 to 4.22)	< 0.001		

(MBP < 65)

AKI: acute kidney injury, OR: odds ratio, CI: confidence interval, ASA: American Society of Anesthesiology

physical status classification system, BMI: body mass index, HTN: hypertension, DM: diabetes mellitus, TIVA:

total intravenous anesthesia, MBP: mean blood pressure, HR: heart rate, PPI: peripheral perfusion index

* Heart disease include ischemic heart disease, valvular heart disease, and congestive heart failure

† Renal disease include grade 3 or higher chronic kidney disease with or without renal replacement therapy