

Supplementary Table S1 Optimal cutoffs for 2- and 6-hour urine flow rate measures for predicting severe acute kidney injury

Measure	Total patients (n)	Severe AKI (n)	Sensitivity	Specificity	NPV	PPV	Youden J Statistic
2-h urine flow rate							
<1 mL/kg/h	21	9	0.41	0.86	0.85	0.43	0.27
<2 mL/kg/h	32	11	0.5	0.76	0.86	0.34	0.26
<3 mL/kg/h	36	12	0.55	0.73	0.86	0.33	0.27
<4 mL/kg/h	48	16	0.73	0.64	0.9	0.33	0.36
<5 mL/kg/h	52	16	0.73	0.59	0.9	0.31	0.32
<6 mL/kg/h	58	17	0.77	0.53	0.9	0.29	0.31
6-h urine flow rate							
<1 mL/kg/h	8	6	0.27	0.98	0.84	0.75	0.25
<2 mL/kg/h	22	11	0.5	0.88	0.88	0.50	0.38
<3 mL/kg/h	34	15	0.68	0.78	0.91	0.44	0.47
<4 mL/kg/h	51	17	0.77	0.61	0.92	0.33	0.39
<5 mL/kg/h	63	19	0.86	0.5	0.94	0.30	0.36
<6 mL/kg/h	80	19	0.86	0.31	0.90	0.24	0.17

Abbreviations: AKI, acute kidney injury; NPV, negative predictive value; PPV, positive predictive value.

Note: The gray bar indicates the most optimal cutoff point for 2- and 6-hour urine flow rate. The optimal five cut-off points as measured by 2- and 6-hour urine flow rate were determined using the maximum Youden J index with a NPV greater than 90%.

Supplementary Table S2 Optimal cutoffs for 2- and 6-hour urine flow rate measures for predicting acute kidney injury

Measure	Cutoff (mL/kg/h)	Sensitivity	Specificity	NPV	PPV	Youden J Statistic
2-h urine flow rate	5.04	0.77	0.58	0.91	0.31	0.35
	4.00	0.73	0.63	0.90	0.33	0.35
	3.97	0.73	0.64	0.90	0.33	0.36
	3.82	0.73	0.65	0.90	0.34	0.38
	3.80	0.73	0.66	0.91	0.35	0.39 ^a
6-h urine flow rate	3.00	0.68	0.77	0.91	0.43	0.45
	2.83	0.68	0.78	0.91	0.44	0.47
	2.67	0.68	0.81	0.91	0.45	0.48
	2.67	0.68	0.80	0.91	0.47	0.49 ^a
	2.51	0.64	0.83	0.90	0.48	0.47

Abbreviations: AKI, acute kidney injury; NPV, negative predictive value; PPV, positive predictive value.

^aThe optimal five cut-off points as measured by 2- and 6-hour urine flow rate were determined using the maximum Youden J index with a NPV greater than 90%.

Note: The gray bar indicates the most optimal cutoff point for 2- and 6-hour urine flow rate.