

Table 1. Characteristics of the Patients at Baseline

variables	N=432	Non-AKI (N=313)	AKI (N=119)	<i>P</i> - value
Age(years)	74.7±4.0	74.4±3.8	75.42±4.5	0.019
Female, n (%)	139(32.2)	103 (32.9)	36 (30.3)	0.598
BMI > 25(kg/m ²), n (%)	223(51.8)	162 (51.8)	61(51.3)	0.926
Hypertension, n (%)	297(68.8)	209(66.8)	88(73.9)	0.151
Diabetes mellitus, n (%)	170(39.4)	120(38.3)	50(42.0)	0.484
Dyslipidemia, n (%)	112(25.9)	83(26.5)	29(24.4)	0.649
Stroke, n (%)	43(10.0)	32(10.2)	11(9.2)	0.761
Peripheral vascular disease, n (%)	93(21.5)	64(20.4)	29(24.4)	0.376
Smoking, n (%)	212(49.1)	163(52.1)	49(41.2)	0.043
COPD, n (%)	38(8.8)	28(8.9)	10(8.4)	0.859
NYHA III-IV, n (%)	91(21.1)	69(22.0)	22(18.5)	0.418
Previous MI, n (%)	55(12.7)	39(12.5)	16(13.4)	0.784
Previous PCI, n (%)	59(13.7)	43(13.7)	16(13.4)	0.934
LVEF (%), median (IQR)	59(56,64)	59(56,61)	59(57,68)	0.017

eGFR, mean ± SD	85.08±15.25	87.13±13.5	79.66±18.0	<
		2	5	0.001
SCr (μmol/L), mean ± SD	74.20±19.22	74.77±18.3	72.71±21.4	0.321
		3	1	
Anemia, n (%)	31(7.2)	19(6.1)	12(10.1)	0.149
Proteinuria, n (%)	91(21.1)	57(18.2)	34(28.6)	0.018
Left main disease, n (%)	97(22.5)	76(24.3)	21(17.6)	0.140
≥3 coronary anastomoses, n (%)	394(91.2)	289(92.3)	105(88.2)	0.179
Preoperative IABP implantation, n (%)	65(15.0)	33(10.5)	32(26.9)	<
				0.001
Intraoperative				
Emergency surgery, n (%)	16(3.7)	13(4.2)	3(2.5)	0.605
Surgery duration(min), median (IQR)	220(185,260)	215(185,260)	220(185,255)	0.581
On-pump CABG, n (%)	74(17.1)	57(18.2)	17(14.3)	0.333
≥3 vein grafts, n (%)	356(82.4)	271(86.6)	85(71.4)	<
				0.001
Postoperative				
Blood transfusion, n (%)	72(16.7)	39(12.5)	33(27.7)	<

0.001

Ventilation time(h), median	19.4(15.1,25.8)	19.0(15.0,23.8)	20.0(16.0,43.2)	0.013
(IQR)				
ICU stay(h), median (IQR)	37.0(21.6,51.0)	34.8(22.0,49.0)	42.0(20.8,77.0)	0.101

AKI: Acute kidney injury; BMI: Body mass index; COPD: Chronic obstructive pulmonary diseases; MI: Myocardial infarction; PCI: Percutaneous coronary intervention; LVEF: Left ventricular ejection fraction; IQR: Interquartile range; eGFR: Estimated glomerular filtration rate; CABG: Coronary artery bypass grafting; IABP: Intra-aortic balloon pump; ICU: Intensive care unit