

Supplemental Digital Content 2

Characteristics of the study cohort separated in non-cardiac and cardiac surgery patients.

Characteristic	non-cardiac sugery n = 37,345	cardiac surgery n = 2,024
Age, median [IQR], years	60 [44 – 71]	70 [61 – 77]
Gender		
Female, No. (%)	18,222 (48.8)	592 (29.2)
Male, No. (%)	19,129 (51.2)	1,432 (70.8)
Charlson Comorbidity Index, median [IQR]	3 [1 – 5]	5 [3 – 7]
Any malignancy, No. (%)	12,109 (32.4)	46 (2.3)
Diabetes without chronic complication, No. (%)	5,907 (15.8)	863 (41.3)
Metastatic solid tumor, No. (%)	4,439 (11.9)	7 (0.3)
Chronic pulmonary disease, No. (%)	2,944 (7.9)	410 (20.3)
Peripheral vascular disease, No. (%)	2,622 (7.0)	452 (22.3)
Congestive heart failure, No. (%)	1,878 (5.0)	1,094 (54.1)
Renal disease, No. (%)	2,278 (6.1)	428 (21.1)
Cerebrovascular disease, No. (%)	1,604 (4.3)	368 (18.2)
Myocardial infarction, No. (%)	1,253 (3.4)	665 (32.9)
Mild liver disease, No. (%)	1,749 (4.8)	97 (4.8)
Hemiplegia or paraplegia, No. (%)	1,552 (4.2)	121 (6.0)
Diabetes with chronic complication, No. (%)	594 (1.6)	104 (5.1)
Rheumatic disease, No. (%)	489 (1.3)	27 (1.3)
Dementia, No. (%)	366 (1.0)	21 (1.0)
Peptic ulcer disease, No. (%)	277 (0.7)	39 (1.9)
Moderate or severe liver disease, No. (%)	262 (0.7)	22 (1.1)
AIDS/HIV, No. (%)	72 (0.2)	8 (0.4)
Preoperative hemoglobin, median [IQR], mg/dL	13.5 [12.2 – 14.6]	13.4 [11.9 – 14.5]
Preoperative creatinine, median [IQR], mg/dL ^a	0.83 [0.70 – 1.00]	0.97 [0.82 – 1.18]
Severity of postoperative AKI ^b		
no F/U, No. (%)	22,642 (60.6)	47 (2.3)
Δ Cr \leq 0%, No. (%)	7,482 (20.0)	422 (20.8)
Δ Cr 1–24%, No. (%)	4,527 (12.1)	632 (31.2)
Δ Cr 25–49%, No. (%)	942 (2.5)	210 (10.4)
KDIGO stage 1, No. (%)	1,092 (2.9)	372 (18.4)
KDIGO stage 2, No. (%)	245 (0.7)	92 (4.5)
KDIGO stage 3, No. (%)	415 (1.1)	249 (12.3)
All-cause in-hospital mortality, No. (%)	713 (1.9)	139 (6.9)
Hospital length of stay ^c , median [IQR]	5 [3 – 10]	11 [8 – 19]

^aSI conversion factor: To convert creatinine to μ mol/L, multiply values by 76.3; ^bmutually exclusive categories of AKI severity by definition of the Kidney Disease Improving Global Outcome (KDIGO) group; ^cinterval between operation and hospital discharge or death; IQR: Interquartile range; AKI: Acute kidney injury; AIDS: Acquired immune deficiency syndrome; HIV: human immunodeficiency virus; F/U: Follow-up; Cr: Creatinine.

References:

1. Kidney Disease: Improving Global Outcomes (KDIGO) Acute Kidney Injury Work Group. KDIGO Clinical Practice Guideline for Acute Kidney Injury. Kidney International 2012; Supplement: 1-138