



Figure S1 Kaplan-Meier curve showing the cumulative number and probability of patients with postoperative pneumonia over time. Pneumonia occurred in 530 patients (9.96%) and 87% developed in the first postoperative week, with a median time of 4 (2, 5) days.

Table S1 Postoperative variables in patients with and without postoperative pneumonia after cardiac surgery

Variables	Without postoperative pneumonia, n=4,793 (%)	With postoperative pneumonia, n=530 (%)	Odds ratio (95% CI)	P value
Mechanical ventilation (hours)	22 (18, 39)	125 (69, 223)	1.036 (1.033, 1.039)	<0.001
ICU stay (days)	3 (2, 4)	11 (7, 18)	1.612 (1.556, 1.671)	<0.001
Hospital stay (days)	14 (11, 18)	26 (20, 34)	1.171 (1.157, 1.186)	<0.001
Reintubation	50 (1.04)	197 (37.17)	56.118 (40.359, 78.032)	<0.001
Tracheotomy	10 (0.21)	118 (22.26)	136.989 (71.277, 263.280)	<0.001
Mortality	31 (0.65)	136 (25.66)	52.166 (35.887, 75.831)	<0.001

Abbreviations: CI, confidence interval; ICU, intensive care unit.