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| **Supplementary Table 1.** Postoperative complications of participants | | | |
| Variables | Control  (n = 49) | Pressure-support  (n = 48) | *P*-value |
| Pneumonia\* | 0 | 0 |  |
| Myocardial infarction† | 1 (2.0) | 0 | 0.320 |
| Arrhythmia | 0 | 0 |  |
| Acute kidney injury‡ | 3 (6.1) | 1 (2.1) | 0.317 |
| Delirium | 0 | 0 |  |
| Transfusion within postoperative 3 days | 1 (2.0) | 2 (4.2) | 0.454 |

Data are presented n (%). \*Pneumonia is defined as a suspected respiratory infection treated with antibiotics and at least one of the following; new or change of pulmonary opacities, white blood cell count > 12000 /mm3, body temperature > 38.5 °C, and positive sputum culture. †Myocardial infarction is defined as the elevation of cardiac marker and at least one of the following; new ischemia on electrocardiography, chest pain, and confirmed by echocardiography or coronary angiography. ‡Definition for acute kidney injury followed the Acute Kidney Injury Network (AKIN) classification.