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| Supplemental table 1. Comparison of basic characteristics between patients with blood biochemical measurements and those without blood biochemical measurements. |
| Characteristics | With measurement | Without measurement  | \*P value |
| (n = 106) | (n = 341) |
| Age (year) | 65 [62-68] | 65 [62-68] | 0.998  |
| Body mass index (kg/m²) | 22.6 [19.8-24.5] | 22.5 [20.3-24.6] | 0.802  |
| SBP (mmHg) | 134 [121-148] | 130 [120-145] | 0.256 |
| Mini-mental state examination score | 29 [28-30] | 29 [29-30] | **0.043** |
| Instrumental activities of daily living (score) | 5 [5-8] | 5 [5-8] | 0.924 |
| Beck depression inventory (score) | 3 [0-5] | 2 [0-4] | 0.298 |
| State-anxiety inventory (score) | 30 [25-35] | 30 (26-37) | 0.333 |
| Trait-anxiety inventory (score) | 29 [25-34] | 29 [25-35] | 0.665 |
| Sex  |  |  |  |
|  Female | 34 (32.1) | 99 (29.0) | 0.549 |
|  Male | 72 (67.9) | 242 (71.0) |  |
| Preoperative Comorbidities |  |  |  |
|  Hypertension | 33 (31.1) | 98 (28.7) | 0.636  |
|  Coronary artery disease | 3 (2.8) | 0 (0.0) | **0.013**  |
|  Diabetes mellitus | 9 (8.5) | 31 (9.1) | 0.850  |
|  Arrhythmia | 0 (0.0) | 6 (1.8) | 0.343 |
|  COPD | 0 (0.0) | 2 (0.6) | > 0.999  |
|  Chronic smoking | 18 (17.0) | 97 (28.4) | **0.018** |
| New York Heart Association classification |  |  |  |
|  I | 80 (78.4) | 273 (82.0) | 0.530  |
|  II | 22 (21.6) | 59 (17.7) |  |
|  III | 0 (0.0) | 1 (0.3) |  |
| Education |  |  |  |
|  Elementary school | 25 (23.6) | 87 (25.5) | 0.234  |
|  Middle school | 29 (27.4) | 116 (34.0) |  |
|  High school | 41 (38.7) | 114 (33.4) |  |
|  University/above | 6 (5.7) | 19 (5.6) |  |
|  Unknown | 5 (4.7) | 5 (1.5) |  |
| Residence |  |  |  |
|  Urban | 59 (55.7) | 203 (59.5) | 0.679 |
|  Town | 34 (32.1) | 105 (30.8) |  |
|  Rural | 13 (12.3) | 33 (9.7) |  |
| Insurance status |  |  |  |
|  Rural medical insurance | 30 (28.3) | 60 (17.6) | 0.116  |
|  Employer’s medical insurance | 39 (36.8) | 133 (39.0) |  |
|  Free medical service | 6 (5.7) | 16 (4.7) |  |
|  Self-pay | 31 (29.2) | 131 (38.4) |  |
|  Unknown | 0 (0.0) | 1 (0.3) |  |
| Anesthesia type |  |  |  |
|  Propofol | 56 (52.8) | 170 (49.9) | 0.592 |
|  Sevoflurane | 50 (47.2) | 171 (50.1) |  |

Data are presented as the number of patients and percentage (%) or median [25th to 75th percentiles]. \*The *P* values were calculated by the Mann-Whitney U test, chi-square test or Fisher’s exact test. COPD: Chronic obstructive pulmonary disease; SBP: Systolic blood pressure.