**Supplemental Table 6. Demographics and Clinical Characteristics comparing final cohort with patients excluded due to inadequate data**

|  |  |  |  |
| --- | --- | --- | --- |
| **Demographics** | **All patients**N = 4984 | **Excluded patients** N = 324 | ***P* value\*\*** |
| Age (years), mean (SD) | 67.2 (11.6) | 68.3 (13.1) | 0.111 |
| Male  | 3491 (70)  | 222 (68.5) | 0.605 |
| Diabetes  | 1165 (23.4)  | 87 (26.9) | 0.174 |
| Dyslipidaemia  | 3807 (76.4)  | 259 (79.9) | 0.163 |
| Hypertension  | 3933 (78.9)  | 262 (80.9) | 0.444 |
| Smoking  | 1435 (28.8)  | 77 (23.8) | 0.060 |
| Congestive Heart Failure  | 1741 (34.9)  | 109 (33.6) | 0.680 |
| Previous Myocardial Infarction  | 1565 (31.4)  | 100 (30.9) | 0.889 |
| Chronic Lung Disease  | 596 (12)  | 63 (19.4) | <0.001 |
| Dialysis  | 85 (1.7)  | 6 (1.9) | 1.000 |
| Ejection Fraction, median [Interquartile range]  | 52.5 [50, 60] | 53.8 [50, 60] | 0.221 |
| Preoperative medications |
|  Beta blockers  | 3741 (75.1)  | 234 (72.2) | 0.282 |
|  Angiotensin Converting Enzyme Inhibitors or Angiotensin Receptor Blockers | 2195 (44)  | 122 (37.7) | 0.029 |
|  Inotropes  | 44 (0.9)  | 4 (1.2) | 0.730 |
|  Steroids  | 168 (3.4)  | 17 (5.2) | 0.104 |
|  Aspirin  | 4147 (83.2)  | 277 (85.5) | 0.320 |
|  Statins  | 3886 (78)  | 269 (83.0) | 0.039 |
| Society of Thoracic Surgeons risk score, mean (SD) | 0.02 (0.03) | 0.03 (0.04) | 0.088 |
| Category  |  |  | <0.001 |
|  Coronary Artery Bypass Grafting | 2550 (51.2)  | 194 (59.9) |  |
|  Coronary Artery Bypass Grafting + Valve | 946 (19)  | 19 (5.9) |  |
|  Valve  | 1488 (29.9)  | 111 (34.3) |  |
| Duration of phase (minutes), mean (SD) |
|  Cardiopulmonary Bypass | 94.6 (38) | --- |  |
|  Aortic cross clamp, median [Interquartile range]  | 69 [53, 88] | 64[51, 79] | 0.013 |
| Hematocrit change, median [Interquartile range]  | 2.8 [0, 5.8] |  0 [3, 3.8] | <0.001 |
| Colloids (ml), mean (SD) | 474 (181.1) | --- |  |
| Crystalloids (ml), mean (SD) | 2956.7 (3312.6) | --- |  |
| Duration MAP < 65 mmHg, (minutes), mean (SD) | 106 (50.5) | --- |  |
| Area under the curve-MAP < 65 mmHg, (mmHg.min), mean (SD) | 1094 (696.4) | --- |  |
| Vasopressor-inotrope dose (mg), median [Interquartile range]  | 0.7 [0.4, 1.1] | --- |  |

*Data are presented as numbers (percentages) unless otherwise indicated. IQR, interquartile range; SD, standard deviation. MI, myocardial infarction; ACE-I, angiotensin converting enzyme inhibitors;*

*ARB, angiotensin receptor blockers; STS, Society of Thoracic Surgeons; CABG, Coronary Artery Bypass Grafting; MAP, Mean Arterial Pressure*

*\*\*P values from chi-square test, Student’s t test, or Wilcoxon rank sum test, as appropriate*