**Supplemental Table 3A. Association between fraction of intraoperative hypotension during CPB and Acute Kidney Injury**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **OR** | **95% CIa** | | ***P* value** |
| Age | 1.00 | 0.98 | 1.02 | 0.919 |
| Female | 0.74 | 0.49 | 1.10 | 0.137 |
| Category |  |  |  |  |
| CABG + Valve | 1.40 | 0.83 | 2.39 | 0.213 |
| Valve | 1.46 | 0.89 | 2.41 | 0.138 |
| Delta Hematocrit | 0.99 | 0.96 | 1.01 | 0.309 |
| Ejection fraction | 1.00 | 0.99 | 1.02 | 0.583 |
| Duration of surgery | 1.01 | 1.00 | 1.01 | < 0.001 |
| Aortic cross clamp time | 1.00 | 0.99 | 1.01 | 0.980 |
| Society of Thoracic Surgeons risk scoreb |  |  |  |  |
| T1 | reference | | | |
| T2 | 3.02 | 1.39 | 7.29 | 0.008 |
| T3 | 7.34 | 3.29 | 18.15 | < 0.001 |
| Fraction of intraoperative hypotension duration during CPB (MAP < 65 mmHg) | | | | |
| 80% to 60% | 4.12 | 1.88 | 10.89 | 0.001 |
| < 60% | 5.34 | 2.42 | 14.18 | <0.001 |
| Vasopressor-inotrope dose | 1.00 | 1.00 | 1.00 | 0.540 |
| Milrinone dose | 1.00 | 0 | 1.00 | 0.714 |
| *Abbreviations: OR, Odds Ratio; CI, Confidence Intervals; CABG- Coronary Artery Bypass Grafting;*  *CPB, Cardiopulmonary Bypass; T, Tertile; MAP, Mean arterial Pressure;*  *a Adjusted for age, sex, type of surgery, Society of Thoracic Surgeons risk score, left ventricular ejection fraction, delta Haematocrit percentage, duration of surgery, aortic cross clamp time*  *b* *Society of Thoracic Surgeons risk score categorized into tertiles: < 0.01, 0.01-0.02 and >0.02.* | | | | |

**Supplemental Table 3B. Association between fraction of intraoperative hypotension duration during CPB and Mortality**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables** | | **OR** | **95% CIa** | | ***P* value** |
| Age | 1.00 | | 0.98 | 1.02 | 0.964 |
| Female | | 1.00 | 0.65 | 1.52 | 0.993 |
| Category | |  |  |  |  |
| CABG + Valve | | 0.78 | 0.46 | 1.32 | 0.351 |
| Valve | | 0.43 | 0.23 | 0.76 | 0.005 |
| Delta Hematocrit | | 0.97 | 0.95 | 1.00 | 0.053 |
| Ejection fraction | | 1.01 | 0.99 | 1.02 | 0.423 |
| Duration of surgery | | 1.01 | 1.00 | 1.01 | < 0.0001 |
| Aortic cross clamp time | | 1.00 | 0.99 | 1.01 | 0.760 |
| Society of Thoracic Surgeons risk scoreb | |  |  |  |  |
| T1 | | reference | | | |
| T2 | | 2.00 | 0.80 | 5.43 | 0.149 |
| T3 | | 11.17 | 4.78 | 29.46 | < 0.0001 |
| Fraction of intraoperative hypotension duration during CPB (MAP < 65 mmHg) | | | | | |
| 80% to 60% | | 2.04 | 1.01 | 4.59 | 0.061 |
| < 60% | | 2.60 | 1.28 | 5.84 | 0.013 |
| Vasopressor-inotrope dose | | 1.00 | 1.00 | 1.00 | 0.288 |
| Milrinone dose | | 1.00 | 0 | 1.00 | 0.711 |
| *Abbreviations: OR, Odds Ratio; CI, Confidence Intervals; CABG- Coronary Artery Bypass Grafting;*  *CPB, Cardiopulmonary Bypass; T, Tertile; MAP, Mean arterial Pressure*  *aAdjusted for age, sex, type of surgery, Society of Thoracic Surgeons risk score, left ventricular ejection fraction, delta Haematocrit percentage, duration of surgery, aortic cross clamp time*  *b* *Society of Thoracic Surgeons risk score categorized into tertiles: < 0.01, 0.01-0.02 and >0.02.* | | | | | |

**Supplemental Table 3C. Association between fraction of intraoperative hypotension duration during CPB and Stroke**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **OR** | **95% CIa** | | ***P* value** |
| Age | 1.02 | 1.00 | 1.05 | 0.102 |
| Female | 1.87 | 1.09 | 3.19 | 0.023 |
| Category |  |  |  |  |
| CABG + Valve | 0.89 | 0.38 | 1.99 | 0.771 |
| Valve | 2.19 | 1.20 | 4.05 | 0.012 |
| Delta Hematocrit | 0.99 | 0.96 | 1.02 | 0.680 |
| Ejection fraction | 1.00 | 0.98 | 1.02 | 0.794 |
| Duration of surgery | 1.00 | 1.00 | 1.01 | 0.109 |
| Aortic cross clamp time | 1.01 | 0.99 | 1.02 | 0.345 |
| Society of Thoracic Surgeons risk scoreb |  |  |  |  |
| T1 | reference | | | |
| T2 | 0.80 | 0.37 | 1.68 | 0.537 |
| T3 | 1.07 | 0.46 | 2.51 | 0.871 |
| Fraction of intraoperative hypotension duration during CPB (MAP < 65 mmHg) | | | | |
| 80% to 60% | 0.59 | 0.32 | 1.10 | 0.088 |
| < 60% | 0.53 | 0.27 | 1.05 | 0.065 |
| Vasopressor-inotrope dose | 0.99 | 0.96 | 1.00 | 0.452 |
| Milrinone dose | 0.97 | 0.84 | 0.99 | 0.658 |
| *Abbreviations: OR, Odds Ratio; CI, Confidence Intervals; CABG- Coronary Artery Bypass Grafting;*  *CPB, Cardiopulmonary Bypass; T, Tertile; MAP, Mean arterial Pressure;*  *a Adjusted for age, sex, type of surgery, Society of Thoracic Surgeons risk score, left ventricular ejection fraction, delta Haematocrit percentage, duration of surgery, aortic cross clamp time*  *b* *Society of Thoracic Surgeons risk score categorized into tertiles: < 0.01, 0.01-0.02 and >0.02.* | | | | |