

Table S8. Outcomes in patients undergoing OPCAB converted vs non-converted to ONCAB

| | OPCAB converted to on-pump | OPCAB not converted | P-value |
|--------------------------------|----------------------------------|------------------------|---------|
| N | 29 | 1231 | |
| <i>In hospital outcomes*</i> | | | |
| Death n(%) | 3 (10.3) | 9 (0.7) | <0.001 |
| CVA n(%) | 1 (3.4) | 19 (1.5) | 0.95 |
| MI n(%) | 0 (0.0) | 10 (0.8) | 1 |
| CKMB at 24h (U/L) mean (sd) | 182 (102) | 31 (179) | 0.15 |
| IABP insertion n(%) | 10 (34.5) | 48 (3.9) | <0.001 |
| Repeat Revascularisation n(%) | 1 (3.4) | 7 (0.6) | 0.46 |
| POAF n(%) | 15 (51.7) | 264 (21.4) | <0.001 |
| Renal replacement therapy n(%) | 4 (13.8) | 68 (5.5) | 0.14 |
| AKI n(%) | 16 (55.2) | 209 (17.0) | <0.001 |

| | | | |
|----------------------------------|-----------|------------|--------|
| Sternal wound complication n(%) | 1 (3.4) | 34 (2.8) | 1 |
| Re-exploration for bleeding n(%) | 3 (10.3) | 37 (3.0) | 0.09 |
| RBC transfusion n(%) | 17 (58.6) | 148 (12.0) | <0.001 |
| <i>5-year outcomes †</i> | | | |
| Mortality n(%) | 4(13.8) | 106(8.8) | 0.3 |
| MACCE n(%) | 8(27.9) | 167(14.0) | 0.02 |
| CV death n(%) | 3(10) | 48(4.0) | 0.08 |
| MI n(%) | 2(6.9) | 35(2.9) | 0.18 |
| CVA n(%) | 1(3.4) | 40(3.3) | 0.92 |
| Repeat Revascularisation | 4(13.8) | 86(7.1) | 0.12 |

* Chi test or t-test

OPCAB: Off-pump coronary artery bypass; ONCAB: On-pump coronary artery bypass; PSM: Propensity score matching; MI: Myocardial infarction; IABP: Intra-aortic balloon pump; POAF: Postoperative atrial fibrillation; AKI: Acute kidney injury; RBC: Red blood cell; MACCE: Major cardiac and cerebrovascular event; CV: Cardiovascular; MI: Myocardial infarction; CVA: Cerebrovascular accident. Reproduced from: Benedetto U, et al. Off-pump versus on-pump coronary artery bypass grafting: Insights from the Arterial Revascularization Trial. J Thorac Cardiovasc Surg. 2018;155(4):1545-1553.e7. doi:10.1016/j.jtcvs.2017.10.135.