Supplemental digital content Table 7: Adjusted multivariable logistic regression of delayed graft function on normal saline group excluding patients not requiring dialysis before transplant

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| Variable | Odds Ratio (95% CI) | p-value |
| *Primary exposure variable* |  |  |
| NaCl group |   |   |
|  low (≤ 30%) | reference (1.0) |   |
|  intermediate (>30% to <80%) | 1.25 (0.85 - 1.83) | 0.256 |
|  high (≥ 80%) | 1.56 (1.1 - 2.22) | 0.014 |
| *Recipient characteristics* |  |  |
| Sex  |   |   |
|  female (vs male) | 0.6 (0.47 - 0.76) | < 0.001 |
| Age (years) | 1.00 (0.99 - 1.01) | 0.931 |
| Body mass index (kg/m2) | 1.07 (1.05 - 1.1) | < 0.001 |
| Race |   |   |
|  White | reference (1.0) |   |
|  Asian | 1.01 (0.76 - 1.34) | 0.950 |
|  African-American | 1.68 (1.24 - 2.28) | 0.001 |
|  other  | 0.9 (0.4 - 2.02) | 0.789 |
| Years on dialysis |   |   |
|  ≤ 2 years | reference (1.0) |   |
|  >2 years | 2.01 (1.47 - 2.75) | < 0.001 |
| Human leucocyte antigen mismatches |   |   |
| 0 | reference (1.0) |   |
|  1/2 | 1.23 (0.65 - 2.32) | 0.531 |
|  3/4 | 1.06 (0.71 - 1.57) | 0.790 |
|  5/6 | 1.07 (0.73 - 1.57) | 0.735 |
| *Perioperative variables* |  |  |
| Year of Transplant |   |   |
|  2005-2007 | reference (1.0) |   |
|  2008/9 | 1.63 (1.12 - 2.36) | 0.010 |
|  2010/11 | 1.22 (0.84 - 1.78) | 0.300 |
|  2012/13 | 1.39 (0.96 - 2.03) | 0.082 |
|  2014/15 | 1.34 (0.88 - 2.04) | 0.175 |
| Crystalloid volume |   |   |
|  > 2l to 4l | reference (1.0) |   |
|  ≤ 2l | 1.06 (0.81 - 1.39) | 0.689 |
|  > 4l | 1.33 (0.93 - 1.91) | 0.114 |
| Surgery duration |   |   |
|  > 150 - 300 min | reference (1.0) |   |
|  ≤ 150min | 0.99 (0.78 - 1.26) | 0.937 |
|  > 300 min | 1.24 (0.49 - 3.10) | 0.651 |
| Vasopressor Infusion |   |   |
|  yes (vs none) | 0.94 (0.74 - 1.20) | 0.631 |
| Red Blood Cell transfusion |   |   |
|  none | reference (1.0) |   |
|  ≤ 500ml | 1.66 (0.96 - 2.86) | 0.068 |
|  > 500ml | 1.54 (0.59 - 4.01) | 0.375 |
| *Donor characteristics* |  |  |
| Donor type |   |   |
|  deceased (vs living) | 4.37 (3.02 - 6.31) | < 0.001 |
| Donor - age |   |   |
|  1st quartile | reference (1.0) |   |
|  2nd quartile | 1.27 (0.92 - 1.77) | 0.152 |
|  3rd quartile | 1.76 (1.29 - 2.41) | < 0.001 |
|  4th quartile | 1.65 (1.17 - 2.32) | 0.004 |
| Donor - Sex |   |   |
|  female (vs male) | 0.69 (0.55 - 0.88) | 0.002 |