**e-table1 The specific composition of the replacement fluid**

|  |  |
| --- | --- |
|  | **specific components** |
| Solution A | solution A (Glucose 10.6 mmol/L, Cl- 118 mmol/L, Mg2+ 0.797 mmol/L, Ca2+ 1.60 mmol/L, and Na+ 113 mmol/L) |
| Solution B | solution B (5% sodium bicarbonate). |

**e-table2 Solute removal efficiency in different TMPs groups**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables of** **Solute removal efficiency** |  | **TMP<100 mmHg** |  **100 ≤TMP<150 mmHg** | **150≤TMP<200 mmHg** | **TMP≥200 mmHg** |
| blood urea nitrogen |  | 0.94±0.03 | 0.87±0.12**\*** | 0.81±0.12 | 0.77±0.18 |
| creatinine |  | 0.80±0.18 | 0.70±0.23**\*** | 0.65±0.25 | 0.61±0.22 |
| β2-microglobulin  |  | 0.48±0.12 | 0.41±0.08**\*** | 0.27±0.13 | 0.30±0.02 |

\* suggested that there was statistical difference compared with TMP<100 mmHg group.

TMP: transmembrane pressure.