**Supplemental Digital Content 5**

**Supplemental Table 2 –** Fluid volume at the end of mechanical ventilation.

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| **Fluids** | **Low-VT/Low-PEEP**  **RM-** | **Low-VT/Moderate-PEEP**  **4RM+** | **Low-VT/High-PEEP**  **1RM+** | **High-VT/Low-PEEP**  **RM-** |
| **Ringer + Colloid (mL)** | 17.37 ± 4.85 | 16.84 ± 5.41 | 17.57 ± 3.97 | 14.64 ± 4.18 |
| **Sedation (mL)** | 4.03 ± 2.44 | 5.62 ± 2.19 | 4.23 ± 2.57 | 5.12 ± 3.27 |
| **Total (mL)** | 21.40 ± 5.74 | 22.46 ± 6.00 | 21.80 ± 2.68 | 19.76 ± 4.96 |

Values are mean ± standard deviation (SD) of seven rats in each group. Low-VT/Low-PEEP/RM-: VT = 7 mL/kg with PEEP = 1 cmH2O and no RMs; Low-VT/Moderate-PEEP/4RM+: VT = 7 mL/kg with PEEP = 3 cmH2O and RMs before laparotomy and every 1 hour thereafter; Low-VT/High-PEEP/1RM+: VT = 7 mL/kg with PEEP = 6 cmH2O and RMs before laparotomy; High-VT/Low-PEEP/RM-: VT = 14 mL/kg with PEEP = 1 cmH2O and no RMs.