**Supplemental Table 5:** Complete ventilator, ancillary therapy and complication association between variables and 6- and 12-month Persistent Respiratory Morbidity (PRM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **At 6 months** | | | **At 12 months** | | |
| **Variable** | **No PRM**  **(n = 92)** | **PRM**  **(n = 66)** | **P value** | **No PRM**  **(n = 72)** | **PRM**  **(n = 58)** | **P value** |
| Highest ventilator parameters  PIP (cmH2O)  PEEP (cmH2O)  ΔP (cmH2O)  mPaw (cmH2O)  Tidal volume (mL/kg) | 31 (28, 35)  5 (5, 7.5)  25 (21.5, 29.5)  13 (11.5, 16)  10.95 (9, 15) | 31.5 (28, 36)  6 (5, 8)  26 (20, 30)  15 (12, 18)  10.5 (8.6, 13.7) | 0.53  0.18  0.71  0.18  0.47 | 31 (28, 35.5)  5 (5, 7)  24.5 (21.5, 29.5)  13 (12, 16)  11 (8.75, 15) | 30.5 (27, 35)  6.5 (5, 8)  25 (20, 29)  15 (12, 18)  10.5 (9.1, 13.7) | 0.68  0.07  0.72  0.40  0.94 |
| First Three-day average ventilator parameters  PIP (cmH2O)  PEEP (cmH2O)  ΔP (cmH2O)  mPaw (cmH2O)  Tidal volume (mL/kg) | 27 (22.7, 31.5)  5 (5, 6)  20.3 (17.3, 25)  11 (9.7, 13)  9.3 (8, 12.5) | 27.3 (25, 31.3)  5 (5, 6.3)  22 (19.15, 24.7) 11.5 (10.3, 13.5)  9 (7, 12.25) | 0.64  0.18  0.23  0.14  0.59 | 27 (23, 31.7)  5 (5, 5.7)  21.65 (18, 25.7) 11.3 (9.7, 13.3)  9.3 (8, 13.3) | 26.15 (22.7, 30.7) 5 (5, 6.85)  20 (17.5, 24.3) 11.7 (9.7, 13.4)  9 (7.5, 11.9) | 0.38  0.16  0.23  0.83  0.41 |
| Ancillary therapies (%)  Inhaled nitric oxide  HFOV | 1 (1)  3 (3) | 3 (5)  3 (5) | 0.31  0.69 | 2 (3)  4 (5) | 1 (2)  1 (2) | 1.0  0.385 |
| Complications (%)  Air leak  Re-intubation | 7 (8)  7 (8) | 7 (11)  4 (6) | 0.58  0.76 | 6 (8)  6 (8) | 3 (5)  4 (7) | 0.731  1.0 |