**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 parametersPIP (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) | 0.530.180.710.180.47 | 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) | 0.680.070.720.400.94 |
| First Three-day average ventilator parametersPIP (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) | 0.640.180.230.140.59 | 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) | 0.380.160.230.830.41 |
| Ancillary therapies (%)Inhaled nitric oxideHFOV | 1 (1)3 (3) | 3 (5)3 (5) | 0.310.69 | 2 (3)4 (5) | 1 (2)1 (2) | 1.00.385 |
| Complications (%)Air leakRe-intubation | 7 (8)7 (8) | 7 (11)4 (6) | 0.580.76 | 6 (8)6 (8) | 3 (5)4 (7) | 0.7311.0 |