**Supplemental Table 1:** Ventilator, ancillary therapies and complications of the cohort stratified by presence of Pulmonary Dysfunction at Discharge (PDAD)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Whole cohort(n = 255) | No PDAD (n = 168) | PDAD(n = 87) | p value |
| Highest ventilator parametersPIP (cmH2O)(n = 253)PEEP (cmH2O)(n = 253)ΔP (cmH2O)(n = 253)mPaw (cmH2O)(n = 229)Tidal volume (mL/kg)(n = 208) | 32 (28, 36)5 (5, 8)26 (22, 30)14 (11, 16)11.8 ± 4.6 | 31 (27, 35) 5 (5, 7)25 (21, 30)13 (11, 16) 10 (8.9, 13.1) | 33 (29, 37) 6 (5, 8)28 (22, 31) 14 (12, 17.5)10.35 (8.6, 15) | 0.020.050.110.310.47 |
| First Three-day average ventilator parametersPIP (cmH2O)(n = 251)PEEP (cmH2O)(n = 246)ΔP (cmH2O)(n = 244)mPaw (cmH2O)(n = 225)Tidal volume (mL/kg)(n = 202) | 27.7 ± 5.45.8 ± 1.521.7 ± 5.211.7 ± 3.210 (8.8, 13.75) | 26.7 (22.7, 30.7) 5 (5, 6)21.3 (17.7, 24.5) 11 (9.7, 12.85)9 (8, 11.3) | 29 (25, 33) 5 (5, 7)22.7 (18.7, 26.3) 11.3v(10, 14)8.7 (7.3, 11.9) | 0.0050.0380.0550.200.69 |
| Ancillary therapies (%)Inhaled nitric oxideHFOVECMO | 8 (3)10 (4)2 (1) | 2 (1)5 (3)1 (1) | 6 (7)5 (6)1 (1) | 0.0200.3161 |
| Complications (%)Air leakRe-intubation (n = 252) | 21 (8)29 (12) | 13 (8)18 (11) | 8 (9)11 (13) | 0.8110.677 |