**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 parameters  PIP (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) | 0.02  0.05  0.11  0.31  0.47 |
| First Three-day average ventilator parameters  PIP (cmH2O)(n = 251)  PEEP (cmH2O)(n = 246)  ΔP (cmH2O)(n = 244)  mPaw (cmH2O)(n = 225)  Tidal volume (mL/kg)(n = 202) | 27.7 ± 5.4  5.8 ± 1.5  21.7 ± 5.2  11.7 ± 3.2  10 (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) | 0.005  0.038  0.055  0.20  0.69 |
| Ancillary therapies (%)  Inhaled nitric oxide  HFOV  ECMO | 8 (3)  10 (4)  2 (1) | 2 (1)  5 (3)  1 (1) | 6 (7)  5 (6)  1 (1) | 0.020  0.316  1 |
| Complications (%)  Air leak  Re-intubation (n = 252) | 21 (8)  29 (12) | 13 (8)  18 (11) | 8 (9)  11 (13) | 0.811  0.677 |