

Table 1: Patient and Hospitalization Characteristics

| Patient and Hospitalization Characteristics | All Patients (n=163) | No Medical Complexity ^a (n = 109) | Children with Medical Complexity ^b (n = 54) | P ^c |
|---|----------------------|--|--|----------------|
| Patient Characteristics | | | | |
| Median age in years (IQR) | 2.1 (0.6-10.9) | 1.3 (0.3-11.3) | 4.6 (1.5-9.3) | 0.005 |
| Gender, n (%) | | | | 0.161 |
| Female | 66 (40.5) | 40 (36.7) | 26 (48.2) | |
| Male | 97 (59.5) | 69 (63.3) | 28 (51.9) | |
| Comorbid Condition, n (%) | 61 (37.4) | 29 (26.6) | 32 (59.2) | <0.001 |
| Median admission FSS score, (IQR) | 7 (6-11) | 6 (6-7) | 12.5 (10-14) | <0.001 |
| Hospitalization Characteristics | | | | |
| PRISM-III derived probability of death, n (%) | | | | 0.156 |
| <5% probability of death | 123 (75.5) | 78 (71.6) | 45 (83.3) | |
| 5-30% probability of death | 32 (19.6) | 26 (23.9) | 6 (11.1) | |
| >30% probability of death | 8 (4.9) | 5 (4.6) | 3 (5.6) | |
| Duration of positive pressure ventilation, median (IQR) | 6.0 (3.0-11.7) | 6.3 (3.5-11.7) | 4.6 (2.2-12.3) | 0.555 |
| Use of vasoactive medications ^d , n (%) | 59 (36.2) | 46 (42.2) | 13 (24.1) | 0.023 |
| ECMO, n (%) | 13 (8.0) | 12 (11.0) | 1 (1.9) | 0.042 |
| CRRT, n (%) | 9 (5.5) | 6 (5.5) | 3 (5.6) | 0.989 |
| PICU length of stay, d, median (IQR) | 8.0 (4-15) | 8.0 (5-15) | 6.5 (3-17) | 0.211 |
| Hospital length of stay, d, median (IQR) | 14.0 (8-23) | 14 (18-21) | 11 (5-24) | 0.315 |

IQR = interquartile range, FSS = Functional status scale, ECMO = Extracorporeal membrane oxygenation, CRRT = Continuous renal replacement therapy, PRISM-III = Pediatric Risk of Mortality Version 3, PICU = Pediatric intensive care unit

^aPatients without technology dependence; ^bPatients with technology dependence (tracheostomy, home ventilator and/or gastrostomy tube);

^cp for comparison between patients with no complex medical condition and patients with complex medical conditions calculated using

Kruskal-Wallis Test for continuous variables and chi-square for categorical variables; ^dVasoactive medications include epinephrine, norepinephrine, vasopressin, dopamine, and milrinone.