**Supplemental Table 2. Characteristics of Children with Pulmonary Hypertension who were Decannulated in the Setting of Expected Recovery (n=434)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Survivors**  **(n = 307)** | **Nonsurvivors**  **(n = 127)** | **p-value** |
| Age  1-6 months | 151 (49.2) | 42 (33.1) | 0.007\* |
| 6 months – 5 years | 99 (32.3) | 58 (45.7) |  |
| > 5 years | 57 (18.6) | 27 (21.3) |  |
| Gender, male | 153 (50.8) | 57 (45.2) | 0.292 |
| Pulmonary Hypertension Type |  |  | 0.238 |
| Primary/Idiopathic/Heritable | 120 (39.1) | 42 (33.1) |  |
| Secondary | 187 (60.9) | 85 (66.9) |  |
| Pre-ECMO Assessment |  |  |  |
| Cardiopulmonary bypass or VAD | 48 (15.6) | 15 (11.8) | 0.304 |
| Pre-ECMO arrest | 80 (26.1) | 33 (26.0) | 0.987 |
| Intubation duration pre-ECMO (hours) | 36, 9.5-153 | 47, 11-164 | 0.406 |
| Receiving >3 vasoactive infusions | 102 (33.2) | 31 (24.4) | 0.070 |
| pH <7.12 | 10 (3.3) | 6 (4.7) | 0.461 |
| Duration of ECMO |  |  | <0.001\* |
| <24 hours | 35 (17.7) | 6 (4.7) |  |
| 24 hours – 280 hours | 99 (50.0) | 90 (70.9) |  |
| 280 hours | 64 (32.3) | 31 (24.4) |  |
| VV (vs. VA) | 57 (18.8) | 24 (18.9) | 0.983 |
| ECPR | 29 (9.5) | 19 (15.0) | 0.096 |
| Complications |  |  |  |
| Any cardiovascular | 169 (55.1) | 85 (66.9) | 0.022\* |
| Any neurologic | 26 (8.5) | 20 (15.8) | 0.025\* |
| Any hematologic | 128 (41.7) | 71 (55.9) | 0.007\* |
| Pulmonary hemorrhage | 9 (2.9) | 14 (11.0) | 0.001\* |
| Renal replacement therapy | 94 (30.6) | 56 (44.1) | 0.007\* |
| Mechanical/circuit complication | 110 (35.8) | 58 (45.7) | 0.056 |
| Infection (culture-proven) | 42 (13.7) | 17 (13.4) | 0.935 |
| Metabolic acidosis (pH<7.2) | 10 (3.3) | 6 (4.7) | 0.461 |

Results displayed as median, IQR or n (%). ECMO – extracorporeal membrane oxygenation; VAD – ventricular assist device; VV – veno-venous; VA – veno-arterial; ECPR - extracorporeal cardiopulmonary resuscitation.

*\*Indicates p-value <0.05*