**Table 2.** Outcomes of infants with repaired truncus arteriosus

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| --- | --- | --- | --- | --- |
|  | Non-survivor  (n = 326) | Survivor  (n = 2684) | OR (95% CI) | P |
| Length of stay, days a | 29 (12–61) | 24 (14–40) |  | 0.009 |
| Cost of hospitalization, $ a | 522,615  (253,366–842,009) | 285,114  (170,681–526,175) |  | < 0.001 |
| Extracorporeal membrane oxygenation (ECMO) | 154 (47.4) | 60 (2.2) | 39.4 (28.1–55.1) | < 0.001 |
| Mechanical ventilation | 115 (35.3) | 1200 (44.7) | 0.62 (0.48–0.80) | 0.001 |
| G-tube placement | 10 (3.1) | 196 (7.3) | 0.40 (0.21–0.77) | 0.002 |
| Tracheostomy | 15 (4.6) | 88 (3.3) | 1.42 (0.81–2.49) | 0.200 |
| Cardiac catheterization | 81 (24.9) | 321 (12.0) | 2.44 (1.85–3.22) | < 0.001 |
| Cardiopulmonary resuscitation (CPR) | 30 (9.2) | 66 (2.5) | 4.02 (2.57–6.29) | < 0.001 |
| GA <37 weeks | 50 (15.3) | 228 (8.5) | 1.95 (1.40–2.72) | < 0.001 |
| BW <2500 grams | 35 (10.7) | 214 (8.0) | 1.39 (0.95–2.03) | 0.087 |
| Chromosomal anomalies other than 22q11.2 deletion syndrome | 16 (4.9) | 125 (4.7) | 1.06 (0.62–1.80) | 0.782 |
| 22q11.2 deletion syndrome | 68 (20.9) | 751 (28.0) | 0.68 (0.51–0.90) | 0.007 |
| Respiratory anomalies | 34 (10.4) | 184 (6.9) | 1.58 (1.08–2.33) | 0.019 |
| Kidney anomalies | 21 (6.4) | 213 (7.9) | 0.80 (0.50–1.27) | 0.341 |
| Stroke | 35 (10.8) | 25 (0.9) | 12.8 (7.6–21.7) | < 0.001 |
| Intraventricular hemorrhage | 20 (6.1) | 98 (3.7) | 1.73 (1.05–2.83) | 0.034 |
| Shock | 15 (4.6) | 45 (1.7) | 2.84 (1.56–5.15) | 0.001 |
| Hypotension | 40 (12.3) | 266 (9.9) | 1.28 (0.90–1.82) | 0.177 |
| Acute kidney injury | 90 (27.7) | 216 (8.1) | 4.37 (3.31–5.79) | < 0.001 |
| Chronic pulmonary heart disease | 29 (8.9) | 179 (6.7) | 1.37 (0.91–2.06) | 0.134 |
| Pneumothorax and air leak | 9 (2.8) | 143 (5.3) | 0.51 (0.26–1.00) | 0.044 |
| Pleural effusion | 50 (15.4) | 261 (9.7) | 1.69 (1.22–2.34) | 0.002 |
| Venous thrombosis | 35 (10.7) | 65 (2.4) | 4.85 (3.16–7.44) | < 0.001 |
| Necrotizing enterocolitis | 25 (7.7) | 45 (1.7) | 4.89 (2.95–8.08) | < 0.001 |
| Acidosis | 45 (13.8) | 173 (6.4) | 2.33 (1.64–3.31) | < 0.001 |
| Septicemia | 96 (29.4) | 263 (9.8) | 3.84 (2.93–5.03) | < 0.001 |
| Fungal infection | 20 (6.2) | 75 (2.8) | 2.28 (1.37–3.79) | 0.004 |

Data are expressed in frequency (%); Chi-Square or Fisher’s exact tests were used for analysis except with a data are expressed in median (interquartile range); Mann-Whitney U test was used for analysis.