**Table 5**. In-hospital complications and procedures.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 22q11.2 deletion syndrome  (n = 820) | No 22q11.2 deletion syndrome  (n = 2189) | OR (95% CI) | P |
| Length of stay, days a | 32 (19–53) | 22 (12–37) |  | < 0.001 |
| Cost of hospitalization, $ a | 382,621  (231,360–657,527) | 273,713  (163,272–522,615) |  | < 0.001 |
| Mortality | 68 (8.3) | 257 (11.7) | 0.68 (0.51–0.90) | 0.007 |
| Extracorporeal membrane oxygenation (ECMO) | 55 (6.7) | 159 (7.3) | 0.92 (0.67–1.26) | 0.597 |
| Mechanical ventilation | 347 (42.4) | 968 (44.2) | 0.93 (0.79–1.09) | 0.367 |
| G-tube placement | 106 (12.9) | 99 (4.5) | 3.13 (2.35–4.18) | < 0.001 |
| Tracheostomy | 44 (5.4) | 59 (2.7) | 2.05 (1.37–3.05) | 0.001 |
| Cardiac catheterization | 107 (13.1) | 295 (13.5) | 0.97 (0.76–1.22) | 0.768 |
| Cardiopulmonary resuscitation (CPR) | 29 (3.5) | 67 (3.1) | 1.16 (0.75–1.81) | 0.487 |
| GA <37 weeks | 69 (8.4) | 209 (9.5) | 0.87 (0.66–1.16) | 0.341 |
| BW <2500 grams | 64 (7.8) | 185 (8.4) | 0.92 (0.68–1.23) | 0.569 |
| Chromosomal anomalies other than 22q11.2 deletion syndrome | 60 (7.3) | 81 (3.7) | 2.06 (1.46–2.90) | < 0.001 |
| Respiratory anomalies | 89 (10.9) | 129 (5.9) | 1.94 (1.47–2.58) | < 0.001 |
| Kidney anomalies | 59 (7.2) | 174 (7.9) | 0.90 (0.66–1.22) | 0.496 |
| Stroke | 25 (3.0) | 35 (1.6) | 1.94 (1.15–3.25) | 0.018 |
| Intraventricular hemorrhage | 58 (7.1) | 59 (2.7) | 2.75 (1.90–3.99) | < 0.001 |
| Shock | 25 (3.0) | 35 (1.6) | 1.94 (1.15–3.25) | 0.018 |
| Hypotension | 80 (9.8) | 227 (10.4) | 0.94 (0.72–1.22) | 0.623 |
| Acute kidney injury | 71 (8.7) | 235 (10.7) | 0.79 (0.60–1.04) | 0.093 |
| Chronic pulmonary heart disease | 48 (5.9) | 159 (7.3) | 0.79 (0.57–1.11) | 0.174 |
| Pneumothorax and air leak | 25 (3.0) | 127 (5.8) | 0.51 (0.33–0.79) | 0.002 |
| Pleural effusion | 72 (8.8) | 239 (10.9) | 0.79 (0.60–1.04) | 0.086 |
| Venous thrombosis | 25 (3.0) | 75 (3.4) | 0.89 (0.56–1.41) | 0.649 |
| Necrotizing enterocolitis | 25 (3.0) | 45 (2.1) | 1.50 (0.91–2.46) | 0.134 |
| Acidosis | 65 (7.9) | 153 (7.0) | 1.15 (0.85–1.55) | 0.375 |
| Seizure | 17 (2.1) | 24 (1.1) | 1.91 (1.02–3.58) | 0.051 |
| Septicemia | 126 (15.4) | 233 (10.6) | 1.53 (1.21–1.93) | < 0.001 |
| Fungal infection | 39 (4.8) | 56 (2.6) | 1.90 (1.25–2.89) | 0.003 |

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