**Table 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Anomaly |  | Number of children with anomaly | Percentage with any surgery | Median age first operation in weeks up to 5 years of age (95%CI) | Median number of operations up to 5 years of age (95% CI) |
|  | Surgery coding | <1 year | Year 1-4 | Year 0 -4 |
| Severe Congenital Heart Defect (sCHD) | Any surgery | 5693 | 78% (70-85)I2 = 97.7 | 36% (31-42)I2 = 91.2 | 88% (81-92)I2 = 97.2 | 3.6 (2.6-4.5)I2 = 87.5 | 3.2 (2.6-3.9)I2 = 97.7 |
| Atrioventricular septal defect (AVSD) | Any surgery | 453 | 58% (48-66) | 47% (36-57) | 82% (70-89) | 21.6 (17.7-25.4) | 3.0 (2.4-3.6) |
|  AVSD | AVSD surgery | 453 | 29% (22-36) | 21% (14-28) | 51% (41-60) | 38.6 (33.0-44.1) | 1.0 (1.0-1.0) |
| Transposition of great vessels (TGA) | Any surgery | 980 | 90% (86-94) | 31% (24-38) | 94% (89-96) | 1.1 (0.7-1.5) | 3.9 (3.2-4.6) |
| Tetralogy of Fallot (TOF) | Any surgery | 805 | 90% (83-94) | 41% (33-49) | 97% (95-98) | 24.7 (21.1-28.3) | 3.0 (2.4-3.6) |
| Pulmonary valve atresia (PA) | Cardiac surgery | 245 | 84% (69-92) | 56% (45-66) | 92% (78-98) | 0.9 (0.5-1.3) | 3.8 (3.3-4.2) |
| Total anomalous pulmonary venous return (TAPVR) | Cardiac surgery | 193 | 87% (75-93) | 13% (8-20) | 93% (81-97) | 2.1 (0.9-3.2) | 2.0 (1.7-2.4) |
| Coarctation of aorta (CoA) | Any surgery | 1566 | 81% (73-87) | 33% (27-38) | 89% (82-93) | 2.4 (1.8-3.1) | 2.4 (2.0-2.9) |
|  CoA | Surgery for coarctation | 1566 | 66% (54-76) | 7% (5-10) | 73% (61-83) | 2.7 (1.9-3.6) | 1.0 (1.0-1.0) |
| Hypoplastic left heart syndrome (HLH) | Any surgery | 476 | 90% (81-95) | 71% (48-85) | 97% (88-99) | 0.9 (0.7-1.0) | 5.3 (3.8-6.7) |
|  HLH | Cardiac surgery | 476 | 88% (76-95) | 68% (44-83) | 97% (86-99) | 0.9 (0.7-1.0) | 4.4 (3.1-5.6) |
|  HLH | Blalock shunt | 476 | 25% (8-47) | 2% (0-9) | 26% (8-49) | 0.9 (0.5-1.4) | 1.2 (0.8-1.6) |
|  HLH | Hemi-Fontan | 476 | 60% (41-75) | 19% (4-42) | 67% (46-82) | 25.4 (19.8-30.9) | 1.1 (0.9-1.4) |
|  HLH | Complete Fontan | 94 | 39% (27-52) | 19% (8-33) | 39% (13-64) | 26.5 (0.4-52.7) | 1.0 (1.0-1.0) |
| Hypoplastic right heart (HRH) | Cardiac surgery | 62 | 95% (83-99) | 52% (24-74) | 98% (88-100) | 0.3 (-0.0-0.7) | 5.0 (3.4-6.5) |
|  HRH | Blalock shunt | 62 | 48% (26-68) | 2% (0-12) | 51% (27-70) | 0.4 (-0.0-0.9) | 1.0 (1.0-1.0) |
|  HRH | Hemi-fontan | 62 | 58% (41-72) | 24% (10-42) | 81% (65-90) | 26.1 (19.3-32.8) | 1.0 (1.0-1.0) |
|  HRH | Complete Fontan | 20 | 31% (0-96) | 23% (5-47) | 28% (6-57) | 213.2 (90.4-336.0) | 1.0 (1.0-1.0) |
| Aortic valve atresia/stenosis | Any surgery | 661 | 63% (49-74) | 38% (26-49) | 69% (57-78) | 3.1 (1.4-4.8) | 2.0 (1.3-2.8) |
| Double outlet right ventricle (DORV) | Any surgery | 226  | 89% (84-93) | 52% (36-67) | 97% (93-99) | 5.1 (2.4-7.7) | 4.1 (3.4-4.9) |
| Common arterial truncus | Any surgery | 106 | 76% (63-84) | 36% (23-48) | 94% (73-99) | 2.6 (1.5-3.8) | 3.1 (2.3-3.8) |
| Single ventricle | Any surgery | 222 | 89% (75-96) | 77% (40-93) | 96% (88-99) | 1.8 (1.3-2.3) | 5.8 (4.3-7.4) |
| Triscuspid atresia and stenosis | Any surgery | 318 | 80% (67-88) | 55% (40-67) | 86% (75-92) | 2.7 (1.0-4.5) | 5.0 (4.4-5.6) |
| Ebstein’s anomaly | Any surgery | 194 | 35% (19-52) | 29% (21-37) | 45% (31-58) | 13.3 (-2.8-29.5) | 2.3 (1.4-3.2) |
| Aortic valve atresia / stenosis  | Any surgery | 811 | 87% (75-93) | 59% (42-73) | 96% (88-99) | 1.2 (1.1-1.3) | 6.0 (4.3-7.7) |