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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Birth Wt Kg | Gender | Weight Kg | Age at surgery (days) | Premature | Pre-operative shock | Ventilated pre-op' | GSA STATUS | Patient Subgroup | Additional details | CPB time (mins) | CCT (mins) | CPF (mins) | Died at POD | Complications |
| 3.72 | 2 | 3.7 | 12 | 0 | 1 | 1 | - | C,G- | Taussig-Bing, IAA type B; supracardiac TAPVC type I (unobstructed); complete repair | 334 | 209 | 53 | 49 | Reoperation at 6 weeks for RVOTO; persistent large chylothorax, lymphangiectasia |
| 1.23 | 2 | 2.1 | 47 | 35 weeks | 0 | 1 | 22q11DEL; IUGR | S,G+ | IAA Type B, VSD; cleft MV; LSVC; eventration of diaphragm | 159 | 102 | 54 | 56 | VCP, reintubation; unexplained bradycardic arrest |
| 2.27 | 2 | 2.6 | 18 | 36 weeks | 0 | 1 | Dandy-Walker syndrome; bilateral polycystic kidneys; Alagille's syndrome | S,G+ | Coarctation/arch hypoplasia, VSD | 106 | 71 | 38 | 49 | Re-exploration;  >7 days mechanical ventilation; MODS; reintubated; liver failure; seizures |
| 2.64 | 2 | 3.54 | 49 | 0 | 0 | 0 | Williams syndrome | C,G+ | Hypoplastic arch; supravalvar AS; RCA ostial stenosis; hypoplastic RPA/LPA- complete repair | 310 | 170 |  | 46 | Re-exploration; reintubation; >7 days ventilation; MCS; re-op’ POD2 for torsion LCA and LPA stenosis; MCS prior for 2 days. Readmitted after discharge with hypoxemia, further MCS |
| 1.255 | 1 | 3 | 83 | 35 weeks | 0 | 1 | T21; IUGR Dandy-Walker syndrome | S,G+ | Arch+VSD | 107 | 57 | 42 | 25 | VCP; MCS; sepsis; reintubated; re-exploration; grade 2 IVH; CVA |
| 2.035 | 2 | 2.33 | 25 | 33 weeks | 1 | 1 | Congenital Hemivertebra | C,G+ | IAA type B; TGA, VSD; dextrocardia; LSVC-CS | 257 | 134 |  | 4 | MCS; CVA; seizure, persistent neurological deficit |
| 3.89 | 2 | 4.6 | 69 | 0 | 0 | 0 | - | C,G- | DORV: Taussig-Bing anomaly | 310 | 200 | 39 | 54 | VCP; chylothorax; unknown cause of death after discharge home |
| 3.24 | 1 | 5.1 | 66 | 0 | 0 | 0 | Familial CHD; mutation in ELN gene (c.1191C>A) | C,G+ | initial repair of supraAS, bilateral branch PA hypoplasia; arch repair 4 weeks after discharge home | 135 | 42 | 36 | 42 | recurrent more distal arch obstruction; severe Williams-type variant; VF arrest on cardiac catheterization |
| 2.99 | 2 | 2.9 | 3 | 0 | 1 | 1 | 45XO | S,G+ | valvarAS- open valvotomy+arch repair; Shones, bicuspid AoV | 112 | 37 | 35 | 50 | Reintubated; readmitted with acute cyanosis, respiratory failure after discharge home, suspected COVID-19 |
| 2.41 | 2 | 2.8 | 12 | 35 weeks | 0 | 1 | Choanal atresia, micrognathia, cleft palate; CHARGE; 15q15.3 deletion | C,G+ | small AoV; discontinuous PAs with LPA stenosis. Yasui | 184 | 58 |  | 163 | >7 days ventilation; reoperation after discharge at 4 months- severe MR (cleft); LVOTO- VSD enlargement; recurrent severe MR, died at OSH 6 months post-op' |
| 2.96 | 2 | 3.28 | 7 | 0 | 0 | 1 | CDH; dandy walker | S,G+ | CAVC | 132 | 41 | 38 | 29 | >7 days ventilation; MCS; renal failure; subdural bleed; required MCS for poor LV function; decannulated then bradycardic arrest, further MCS; withdrawal at family request |