## **Supplementary material**

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| **CHD** | **Number of patients** |  | **CHD** | **Number of patients** |
| TGA | 2 after ASO2 after AtSO |  | ASD sinus venosus defect + PAPVR | 1 |
| TGA + CoA | 1 after ASO |  | ASD type II | 7 |
| TGA + PA | 1 after ASO |  | ASD type II + BAV | 1 |
| TGA + VSD | 1 after ASO |  | ASD type II + TI | 1 |
| ccTGA | 1 |  | ASD type II + BAV + CoA | 1 |
| ccTGA + VSD + PS | 1 after double switch |  | BAV + CoA | 2 |
| ccTGA + ASD + VSD + subPS  | 1 |  | BAV | 81 |
| TOF | 4 |  | BAV + RAA (mirror branching) + DAA | 1 |
| TOF + PFO | 1 |  | UAV | 1 |
| TOF + PA + PDA | 1 |  | QAV | 1 |
| TOF + PArt hypoplasia | 1 |  | AS | 1 |
| PS | 3 |  | Cor triatriatum sinister | 1 |
| PS + VSD | 1 |  | PDA | 12 |
| VSD | 5 |  | Ebstein anomaly + PFO | 1 |
| AVSD | 1 |  |  |  |

Table S1: Main CHD diagnosis at birth

*1 Turner syndrome in 2, 2 22q11 deletion syndrome in 1. •* ***Abbreviations:*** *AS = aortic stenosis, ASD = atrial septal defect,
ASO = arterial switch operation, AtSO = atrial switch operation, AVSD = atrioventricular septal defect, BAV = bicuspid aortic valve, CoA = coarctation of the aorta, DAA = double aortic arch, PA = pulmonary atresia, PAPVR = partial anomalous pulmonary venous return, PArt = pulmonary artery, PDA = patent ductus arteriosus, PFO = patent foramen ovale, PS = pulmonary stenosis, QAV = quadricuspid aortic valve, RAA = right aortic arch, (cc)TGA = (congenitally corrected) transposition of the great arteries, TI = tricuspid insufficiency, TOF = Tetralogy of Fallot, UAV = unicuspid aortic valve, VSD = ventricular septal defect.*