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| **Number**  | **Sex** | **Age at Last Visit** | **Race/****Ethnicity** | **CHD Diagnosis** | **Age of Initial Genetics Evaluation**  | **Seen by geneticist**  | **Seen by GC** | **NDD**  | **Extra-cardiac anomalies**  | **Karyotype** | **Microarray** | **Gene Panel** | **Exome Sequencing**  | **Follow up**  |
| 1 | Male | 7 years, 7 months | Non-Hispanic white | DORV with subpulmonary VSD  | 1 day old  | Yes | Yes | IQ 96, gross motor delay  | Omphalocele, heterotaxy with apslenia | No | Yes (2014)- 1.3 Mb 17p12 deletion (Likely pathogenic)arr[hg19] 17p12(14,101,029-15,449,627)x1*HS3ST3B1, PMP22*, *TEKT3* deleted | Yes (2014)- heterotaxy panel4 genes | No | None |
| 2 | Male | 6 years, 4 months | Black/African American  | TGA with PA, VSD, mesocardia | 1 week | No | Yes | Mild speech and gross motor Delay | None | No | Yes | No | No | None |
| 3 | Male | 5 years, 8 months | Non-Hispanic white | HLHS | 2 weeks | No | Yes  | Speech delay  | None  | No | No- F.D. | No | No | None- family declined testing  |
| 4 | Male | 6 years, 1 month | Black/African American  | Tricuspid atresia, restrictive VSD and pulmonic stenosis | 1 day old  | Yes | No | IQ 62, GDD | Kyphosis and scoliosis, hemivertibrae | No | Yes (2015) | No | No | None-  |
| 5 | Female | 6 years, 0 months | Non-Hispanic white | HLHS | 2 weeks old  | No | Yes | No | OSA/CSA | No | Yes (2015) | No | No | None |
| 6 | Male | 6 years, 6 months | Non-Hispanic white | HLHS | None | No | No | GDD | No | No | No | No | No | Never seen  |
| 7 | Female | 5 years, 0 months | Non-Hispanic white | Double inlet left ventricle  | 2 days old  | Yes | No | Speech delay, and IQ 96 | Partially duplicated right thumb, fused ribs, vertebral segmentation defects and kyphoscoliosis | Yes (2016) | Yes (2016) | Chromosome breakage (2016) | No- insurance denied  | Seen one time  |
| 8 | Male | 6 years, 1 month | Non-Hispanic white | DORV | 1 day old  | Yes | Yes | Speech and gross motor delay  | Left atrial isomerism, polysplenia, bilateral bilobed lungs, midline liver, right-sided stomach, heterotaxy | No | No- F.D. | No- heterotaxy offered | No | Seen one time  |
| 9 | Male | 6 years, 8 months | Non-Hispanic white | AV canal, TAPVR.  | 1 day old  | Yes | No | No | OSA, CSA, anisometropa, astigmatism, heterotaxy | No | Yes (2014) | Yes (2014)- heterotaxy panel4 genes | No | None |
| 10 | Female | 7 years, 4 months | Non-Hispanic white | Pulmonary atresia with intact septum  | 1 week old  | No | Yes | IQ 97, No DD | Poor weight gain and g-tube dependent  | No | Yes (2014) | No | No | None |
| 11 | Male | 6years, 1 month | Non-Hispanic white | DORV, ASD, coarctation of aorta | 1 day old  | Yes | No | GDD, communication limited  | Cleft lip and palate | No | Yes (2015)- 213 kb 20q13.2 duplication arr[hg19] 20q13.2(50,364,206-50,577,159)x3 | No | No | Annually seen  |
| 12 | Female | 5 years, 2 months | Non-Hispanic white | Pulmonary atresia with intact septum  | 1 month  | No | Yes | IQ 77 (borderline), fine motor and gross motor delay  | No | No | No- F.D. | No | No | None |
| 13 | Male | 7 years, 0 months | Non-Hispanic white |  D-TGA, hypoplastic right ventricle, severe tricuspid hypoplasia, long segment aortic arch hypoplasia | 2 days old  | No | Yes | GDD | Macrocephaly  | No | Yes (2014) | No | No | None |
| 14 | Male | 5 years, 0 months | Non-Hispanic white | HLHS | None | No | No | Gross motor delay  | No | No  | No | No | No | None |
| 15 | Male | 6 years, 4 months | Non-Hispanic white | Double inlet left ventricle [S,L,L] with transposition of the great arteries | 1 month  | No | Yes | Speech delay  | No | No | No-F.D | No | No | None |
| 16 | Female | 6 years, 10 months | Non-Hispanic white | AV canal defect with double outlet right ventricle, D-malposed great arteries and supracardiac total anomalous pulmonary venous return | 1 day old  | Yes | Yes | ADHD and gross motor delay  | Heterotaxy with asplenia  | No | Yes (2015) | Yes (2015)- Heterotaxy- VUS in *CFC1* (c.433G>A)Reanalyzed variant- benign 17 genes | No | Seen one time  |
| 17 | Female | 4 years, 4 months | Black/African American  | D-transposition of the great arteries with large muscular ventricular septal defect, moderate hypoplasia of right ventricle, and moderate discrete coarctation of aorta | 2 days old  | No | Yes | Gross motor and speech delay  | OSA, Gastro-jejunal fed | No | Yes (2016) | No | No | None |
| 18 | Male | 5 years, 6 months | Non-Hispanic white | Unbalanced right dominant atrioventricular septal defect with severe left ventricle hypoplasia and aortic atresia. | 2 weeks | No | Yes | GDD | OSA, factor V Leiden | No | Yes (2015) | No | No | None |
| 19 | Male | 5 years, 2 months | Non-Hispanic white | DORV, mitral atresia, severely hypoplastic left ventricle, intact atrial septum with large decompressing vein (vertical to innominate) | 1 day old  | Yes | No | GDD | Chiari type 1, growth deficiency, dysmorphic, duplicated right kidney , g-tube placement , OSA, PLMD, insomnia  | No | Yes (2016) | No | Yes (2016)- (c.10394dupG, p.Pro3466Thrfs\*2) in *KMT2D* gene (*de novo*) | Seen one time |
| 20 | Male | 5 years, 1 month | Non-Hispanic white | HLHS | 2 weeks old  | No | Yes | No | No | No | No- F.D. | No | No | None |
| 21 | Female | 5 years, 0 months | Non-Hispanic white | HLHS | 2 weeks | No | Yes | Gross motor | Dysplastic corpus callosum, white matter injury  | No | Yes (2016) | No | No | None |
| 22 | Male | 6 years, 6 months | Non-Hispanic white | Complex atrioventricular canal defect that was not septatable | 2 weeks old  | Yes | No | ADHD, learning difficulty, GDD | Segmental thoracic vertebral anomalies and reduced rib number (10 on left, 7 on right).  | No | Yes (2014) | No | No | None |
| 23 | Male | 7 years, 7 months | Non-Hispanic white | Right ventricular dominant complete atrioventricular canal | 1 day old  | Yes | No | ADHD and GDD | OSA. tethered cord, Sensoneural hearing loss | No | Yes (2014) | No | No | Yes, seen multiple times  |
| 24 | Male | 6 years, 3 months | Non-Hispanic white | HLHS  | 2 weeks old  | No | Yes | ADHD and learning difficulty | None | No | No- F.D. | No | No | None |
| 25 | Male | 5 years, 8 months | Black/African American  | Tricuspid atresia with normally related great vessels and hypoplastic right ventricle | 1 week old  | No | No | Fine motor and speech delay | No | No | No | No | No | None |
| 26 | Male | 5 years, 7 months  | Non-Hispanic white | Tricuspid atresia and transposition of the great arteries, dextrocardia  | 2 days old  | Yes | No | GDD | None | No | Yes (2015) | No | No | None  |

ADHD: Attention Deficit and Hyperactivity Disorder; ASD: Atrioseptal Defect; AV: Atrioventricular; CHD: Congenital Heart Disease; CSA: Central Sleep Apnea; DORV: Double Outlet Right Ventricle; F.D.: Family Declined; GC: Genetic Counselor; GDD: Global Developmental Delay; HLHS: Hypoplastic Left Heart Syndrome; ID: Intellectual Disability; IQ: Intelligent Quotient; NDD: Neurodevelopmental Disorder; OSA: Obstructive Sleep Apnea; PA: Pulmonary Artery Atresia; TAPVR: Total anomalous pulmonary venous return; TGA: Transposition of Great Arteries; VSD: Ventricular Septal Defect; VUS: Variant of Uncertain Significance

For testing, if it states the box states yes but does not have a result, it means that the testing was negative.