**Supplementary Material (SM)**

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| **High risk of ADHD**  School rating | **VSD**  **n= 50** | **TGA**  **n= 34** | **TOF**  **n= 39** | **Total CHD**  **n= 123** | **Control**  **n= 317** |
| Inattentive presentation | 0 (0.0%) | 0 (0.0%) | 2 (5.1%) | 2 (1.6%) | 14 (4.4%) |
| Hyperactive /Impulsive presentation | 3 (6.0%) | 0 (0.0%) | 2 (5.1%) | 5 (4.1%) | 6 (1.9%) |
| Combined presentation | 0 (0.0%) | 0 (0.0%) | 2 (5.1%) | 2 (1.6%) | 4 (1.3%) |

**SI.1.** School rating of high-risk (T-score >70 points) Attention-Deficit/ Hyperactivity Disorder symptoms. SD is calculated from a normative Danish sample stratified on age and gender. § 10 patients of high risk Attention-Deficit/ Hyperactivity Disorder on parents rating did not return school rating.

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| **High risk of ADHD**  Parents- and school rating | **VSD**  **n= 47** | **TGA**  **n= 34** | **TOF**  **n= 39** | **Total CHD**  **n= 120** | **Control**  **n= 311** |
| Inattentive presentation | 0 (0.0%) | 0 (0.0%) | 2 (5.1%) | 2 (1.7%) | 4 (1.3%) |
| Hyperactive/ Impulsive presentation | 1 (2.1%) | 0 (0.0%) | 1 (2.6%) | 2 (1.7%) | 2 (0.6%) |
| Combined presentation | 0 (0.0%) | 0 (0.0%) | 1 (2.6%) | 1 (0.8%) | 0 (0.0%) |

**SI.2.** Combined parents- and school rating of high risk (T-score >70 points) Attention-Deficit/ Hyperactivity Disorder symptoms. SD is calculated from a normative Danish sample stratified on age and gender.

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| **Quality of life**  **in TOF patients** | **” Clinical range”**  **of ADHD**  n = 12 | **Low to moderate**  **ADHD score**  n = 40 | **p-value** | **Estimated difference in median between groups** |
| Physical score | 62.5 (43.8 – 81.3) | 93.8 (86.7 – 97.7) | **<0.001** | 21.9 |
| Emotional score | 50.0 (45.0 – 90.0) | 82.5 (65.0 – 95.0) | **0.028** | 15.0 |
| Social score | 60.0 (52.5 – 77.5) | 97.5 (83.8 – 100.0) | **<0.001** | 25.0 |
| School score | 25.0 (17.5 – 52.5) | 70.0 (53.8 – 86.3) | **<0.001** | 35.0 |
| Total score | 50.0 (40.7 – 67.5) | 84.9 (74.8 – 91.4) | **<0.001** | 29.3 |
| Risk of ADHD: Low = T-score 40-60 Moderate = T-score 61-70 High = T -score > 70 | | | | |

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| **Quality of life**  **in TGA patients** | **” Clinical range”**  **of ADHD**  n = 7 | **Low to moderate**  **ADHD score**  n = 39 | **p-value** | **Estimated difference in median between groups** |
| Physical score | 79.7 (71.2 – 81.3) | 93.8 (84.4 – 100.0) | **0.007** | 15.6 |
| Emotional score | 55.0 (38.8 – 60.0) | 85.0 (70.0 – 90.0) | **0.006** | 30.0 |
| Social score | 92.5 (82.5 – 95.0) | 95.0 (90.0 – 100.0) | 0.213 | 5.0 |
| School score | 50.0 (36.3 – 60.0) | 75.0 (65.0 – 80.0) | **0.008** | 20.0 |
| Total score | 70.6 (61.8 – 71.4) | 85.9 (76.1 – 92.5) | **0.006** | 17.2 |
| Risk of ADHD: Low = T-score 40-60 Moderate = T-score 61-70 High = T-score > 70 | | | | |

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| **Quality of life**  **in VSD patients** | **” Clinical range”**  **of ADHD**  n = 6 | **Low to moderate**  **ADHD score**  n = 52 | **p-value** | **Estimated difference in median between groups** |
| Physical score | 87.5 (84.4 – 96.9) | 96.7 (86.7 – 100.0) | 0.383 | 3.1 |
| Emotional score | 75.0 (70.0 – 75.0) | 85.0 (75.0 – 95.0) | 0.088 | 15.0 |
| Social score | 80.0 (75.0 – 80.0) | 100.0 (90.0 – 100.0) | **0.032** | 20.0 |
| School score | 55.0 (45.0 – 75.0) | 70.0 (60.0 – 85.0) | 0.166 | 15.0 |
| Total score | 74.8 (70.0 – 80.6) | 87.5 (81.0 – 91.3) | **0.022** | 10.7 |
| Risk of ADHD: Low = T-score 40-60 Moderate = T-score 61-70 High = T-score > 70 | | | | |

**SI.3.** Clinical range of Attention-Deficit/ Hyperactivity Disorder compared to low to moderate Attention- /Deficit Hyperactivity Disorder score in relation to QoL scores in Tetralogy of Fallot, Transposition of Great Arteries, Ventricular Septal Defect and the CHD group.