



The PATCH Study: **Initial** Research Results for Families

In 2019-2020, Conquering CHD collaborated with The PATCH Study research team from University of Queensland in Australia. We asked parents of children with CHD ages 5 to 18 years to complete an anonymous online survey, primarily focusing on behavioral and executive function outcomes in their children.

Your responses guided the team who presented their initial findings at Cardiac Neurodevelopmental Outcome Collaborative's (CNOC) annual scientific conference in November.

- ♥ Children with **CHD and ADHD have a higher rate of executive function impairment by three times**, in comparison to children with CHD but without ADHD.
- ♥ Between two groups - 1) children with CHD and ADHD & 2) children with CHD, ADHD and either Anxiety or Autism - there was **no significant difference in executive functioning**.
- ♥ This research highlighted the **need for better monitoring and targeted interventions** for children with CHD who are at risk of developmental diagnoses.



You can view the research presentation poster displayed at CNOC's scientific conference here:

conqueringchd.org/wp-content/uploads/2020/12/CNOC-poster.pdf

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