

COGNITIVE TRAINING PROGRAM SEEKING PARTICIPANTS



COGNITIVE TRAINING IN ADHD

Attention deficit hyperactivity disorder (ADHD) is a neurodevelopmental condition characterised by difficulty paying attention. The consequences of attentional problems in children with ADHD can be far reaching, commonly resulting in poor academic outcomes, behavioural concerns and social difficulties. Whilst attention problems can have a range of negative impacts, new interventions are being developed that may help. Treatment using intensive computerised therapy offers the potential to improve attention and reduce the likelihood of long-term problems.

THE PROJECT

The Monash School of Psychological Sciences are running a clinical trial to evaluate the benefits of a tablet-based cognitive training program, in children with attention deficit hyperactivity disorder.

Cognitive training has shown benefits for children with poor attention skills. This cognitive training program has never been tested with children with attention deficit hyperactivity disorder, and whilst researchers hope to see similar benefits to those seen in previous studies, as it is an experimental program in this group, the benefits are not clear. To achieve this goal, we respectfully request your help.

For more information you can contact the ATICA research team:

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PROJECT
ATICA



TURNER
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MENTAL HEALTH

YOUR INVITATION TO PARTICIPATE – AND WHY IT'S WORTH IT

We would like to invite you and your child to take part in our project; Cognitive Training in Children with Attention Deficit Hyperactivity Disorder. We are interested in understanding whether a computerised cognitive training program can strengthen and improve attention in children with ADHD. Attention is important for several areas, such as forming and maintaining social relationships and regulating behaviours. Therefore, we are also interested to see whether the cognitive training is able to promote improvements in these areas.

If you choose to participate in this study your child will have free access to the cognitive training program for a 5-week period. As this study is an experimental study, not all children will receive the intervention program on a Monash tablet during the study, however those that do not (controls) will be given free access to the intervention program to use on a personal device after their individual assessments have been completed. Families will also receive individualised reports on how your child is progressing through the program, and a six-monthly newsletter that will update you on our research outcomes and future research direction. All information will be protected, and you will have access to our expert researchers at all times – we can provide support services to you should the need arise.

The study will take part in two phases:

Phase 1 involves filling in three simple questionnaires and may involve your child completing a cognitive assessment.

Phase 2 involves your child completing a game-based cognitive training intervention for a period of 5 weeks, and completing several sessions involving interactive tasks to monitor improvements in attention, memory and social skills.

WHO CAN PARTICIPATE?

We are looking for children aged 5-8 years with a diagnosis of ADHD who:

- Are English speaking
- Do not have a history of major trauma
- Do not have a diagnosed intellectual disability
- Have no other genetic or biological conditions (e.g. Fragile X, fetal alcohol syndrome)
- Have not previously participated in a study of a cognitive training program
- Do not have a sibling also enrolled in the study
- Do not have visual, hearing or physical impairments that would prevent them from engaging with the intervention.

THE NEXT STEPS...

If you and your child wish to participate, please read the Plain Language Statement, and read and sign the consent form, which are included with this flyer. A researcher will then be in contact with you.