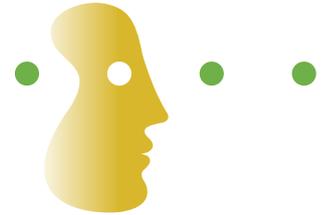


CANTAB Connect Research ADHD



Cognitive assessment for studies of attention deficit disorders (ADHD and ADD)

CANTAB Connect Research ADHD is a precise, validated and objective cloud-based cognitive assessment and data collection system for studies researching attention deficit disorders.

Product overview:

- ✓ Under 35 minutes per subject
- ✓ Repeatable assessments
- ✓ Standardized testing
- ✓ Automatic scoring

Measures include:

- Sustained attention
- Working memory
- Response inhibition
- Strategy

Key features

Touchscreen tests increase precision and ease of use.

Highly sensitive to cognitive impairment, drug effects and changes over time.

Objective and translational tests that are language-independent and culturally neutral, making them ideal for international studies.

Adaptive test versions for patients and healthy volunteers.

The CANTAB Connect Cloud

Access secure real-time data from multiple testing devices and sessions anytime, anywhere via the cloud. Automatic data scoring and monitoring improves quality and efficiency.



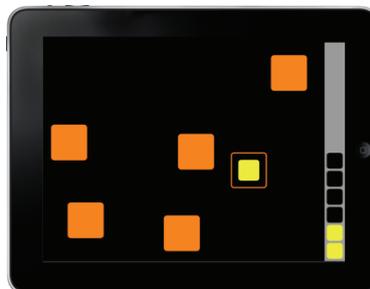
ADHD test panel

The CANTAB tests in the ADHD battery are sensitive to experimental manipulation of symptoms, including pharmacological intervention, allowing researchers to measure behavioural improvements in performance:



Sustained Attention

CANTAB Rapid Visual Information Processing Task (7 mins).



Working Memory

CANTAB Spatial Working Memory Task (4 mins).

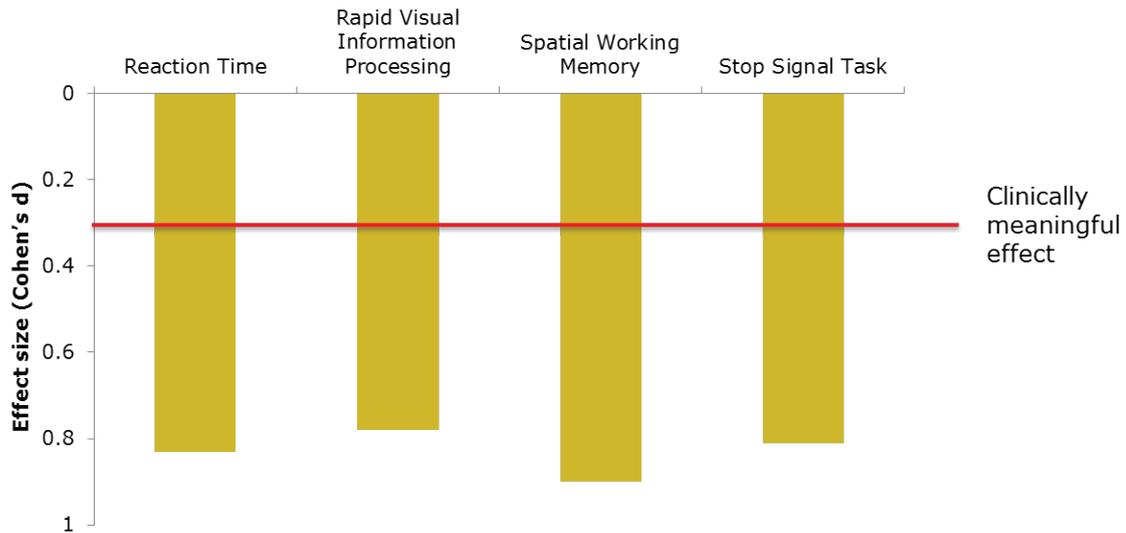


Response Inhibition

CANTAB Stop Signal Task (20 mins).

Sensitive to the key cognitive domains impaired in ADHD

Attention, memory and executive function are key domains impaired in ADHD. Effect sizes of 0.3 or greater (Cohen's d) are considered to be clinically relevant.^{1,2,3}



1. Chamberlain, S.R., Robbins, T.W., Winder-Rhodes, S., Müller, U., Sahakian, B.J., Blackwell, A.D., & Barnett, J.H. (2011) Translational approaches to frontostriatal dysfunction in attention-deficit/hyperactivity disorder using a computerized neuropsychological battery. *Biol Psychiatry*. 69:1192-203
2. Gau, S.S.F., & Huang, W. L. (2014) Rapid visual information processing as a cognitive endophenotype of attention deficit hyperactivity disorder. *Psychological Medicine* 44:435-446
3. Fried, R., Hirshfeld-Becker, D., Petty, C., Batchelder, H., & Biederman, J. (2015) How Informative Is the CANTAB to Assess Executive Functioning in Children With ADHD? A Controlled Study. *J Atten Disord*. 19:468-75.

Discover the benefits

Increase the impact of studies

CANTAB Connect enables researchers to objectively measure cognitive performance linked to specific neural networks. The assessments have proven sensitivity to disease-related impairment and change over time caused by biological and environmental factors, giving your research added credibility, validity and impact.

Save time and costs

CANTAB studies are easy to set up and quick to administer. Assessments can be conducted without formal training and data is instantly captured, scored and stored in a private cloud for real-time monitoring of your study's progress.

Perform research you can rely on

CANTAB is used in academia, healthcare and pharmaceutical clinical trials as the gold standard in neuropsychological measurement. The tests are reported in over 1,800 peer-reviewed papers which have been cited over 100,000 times.

Rely on CANTAB expertise

USED TO RESEARCH
over 100
disorders

IN MORE THAN
80
countries

TESTING IN
800+
universities



Customer satisfaction

"We require cognitive measures that are reliable, well validated and easy to administer. CANTAB is the obvious choice."

Institute of Psychiatry, King's College London, UK.

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