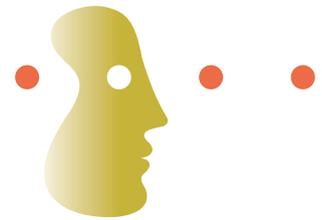


CANTAB Connect ADHD



Cognitive Assessment for ADHD Clinical Trials

CANTAB Connect ADHD is a pharmacologically sensitive cloud-computing assessment system for use in pharmaceutical clinical trials investigating the cognitive profile and efficacy of treatments for attention deficit disorders.

Product overview:

- ✓ Phases I-IV
- ✓ 30 minutes per subject
- ✓ Repeatable assessments
- ✓ Standardized testing
- ✓ Automatic scoring
- ✓ HIPAA compliant data

Measures include:

- Sustained attention
- Working memory
- Response inhibition
- Strategy

Key features

Touchscreen tests increase precision and ease of use.

Sensitive to disease related cognitive impairment, drug effects and changes over time.

Objective and translational tests are language independent and culturally neutral, ideal in multi-national studies.

Compliant with global GCP and regulatory standards.

The CANTAB Connect Cloud

Access secure real-time data from global sites anytime, anywhere via the cloud. Automatic scoring and monitoring improve data quality, facilitating more informed decision making and accelerating trial completion.



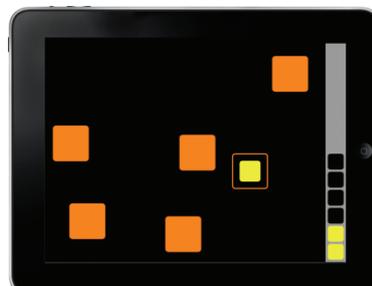
ADHD test panel

The CANTAB tests in CANTAB Connect ADHD are sensitive to experimental manipulation of symptoms, including pharmacological interventions, allowing researchers to measure behavioural improvements in performance.



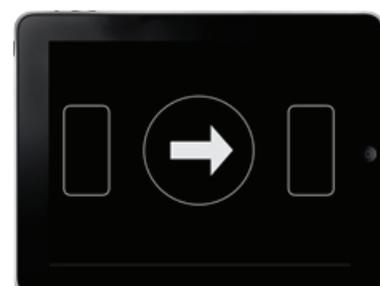
Sustained Attention

CANTAB Rapid Visual Information Processing Task (7 mins).



Working Memory

CANTAB Spatial Working Memory Task (4 mins).



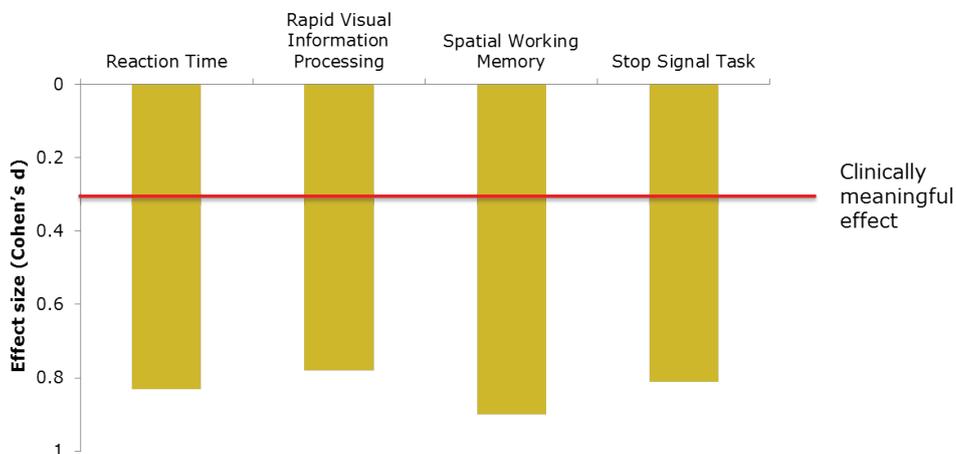
Response Inhibition

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 your chances of success

CANTAB Connect assessments are highly sensitive to pharmacological manipulation, making it possible to demonstrate the cognitive effects of compounds to regulators. CANTAB Connect is also able to detect disease-related impairments and change over time, including early on in the disease process, maximizing the likelihood of detecting cognitive efficacy.

Complete trials on time and on budget

CANTAB Connect studies can be set up rapidly and require minimal rater training due to the automated and consistent computerized test delivery. Data from remote sites is securely captured, scored and stored in a private cloud for real-time monitoring of study progress. Staff training, study management and data interpretation services are also available to ensure successful trial completion.

Make informed decisions faster

CANTAB Connect automatically cleans captured data, flagging up any errors to increase study quality and data validity. The reliability of data captured through the regulatory-approved CANTAB Connect software reduces risks, saves costs and accelerates informed decision making throughout clinical development.

Rely on CANTAB expertise

USED TO ASSESS
over 30
therapeutic areas

IN OVER
80
countries

TESTING IN
160
clinical trials



CANTAB customers report 100% satisfaction with our study management and clinical trial support services.

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