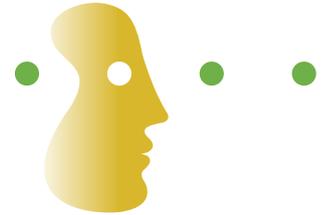


# CANTAB Connect Research Autism



## Cognitive assessment for studies of Autism

CANTAB Connect Research Autism is a precise, validated and objective cloud-based cognitive assessment and data collection system for studies researching Autism

### Product overview:

- ✓ Under 40 minutes per subject
- ✓ Repeatable assessments
- ✓ Standardized testing
- ✓ Automatic scoring

### Measures include:

- Reaction time
- Episodic memory
- Executive function
- Multitasking
- Planning

### 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.

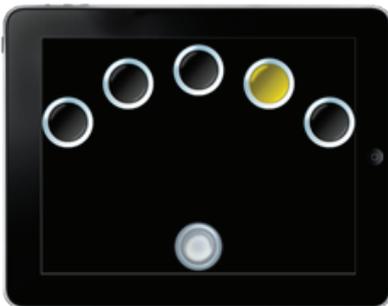
### The CANTAB Connect Cloud

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.

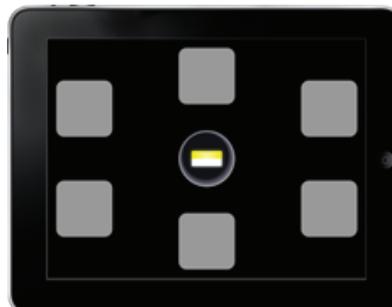


## Autism test panel

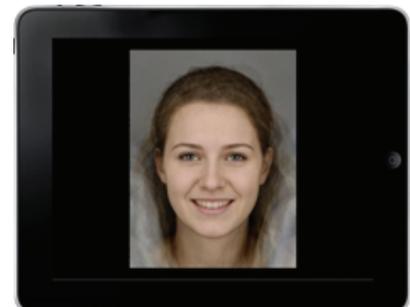
The CANTAB tests in the Autism battery are sensitive to experimental manipulation of symptoms, including pharmacological intervention, allowing researchers to measure behavioural improvements in performance:



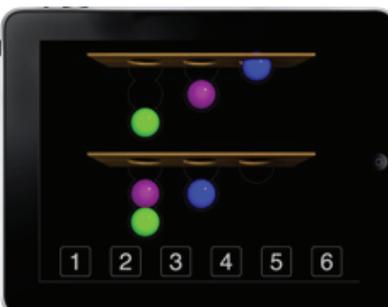
**Processing and Psychomotor speed**  
CANTAB Reaction Time Task (4 mins).



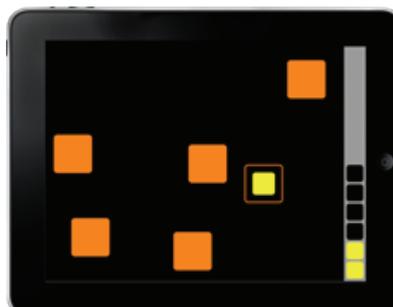
**Visuospatial Episodic Memory**  
CANTAB Paired Associates Learning Task (7 mins).



**Emotion Recognition**  
CANTAB Emotion Recognition Task (20 mins).



**Planning**  
CANTAB One Touch Stockings of Cambridge Task (4 mins).



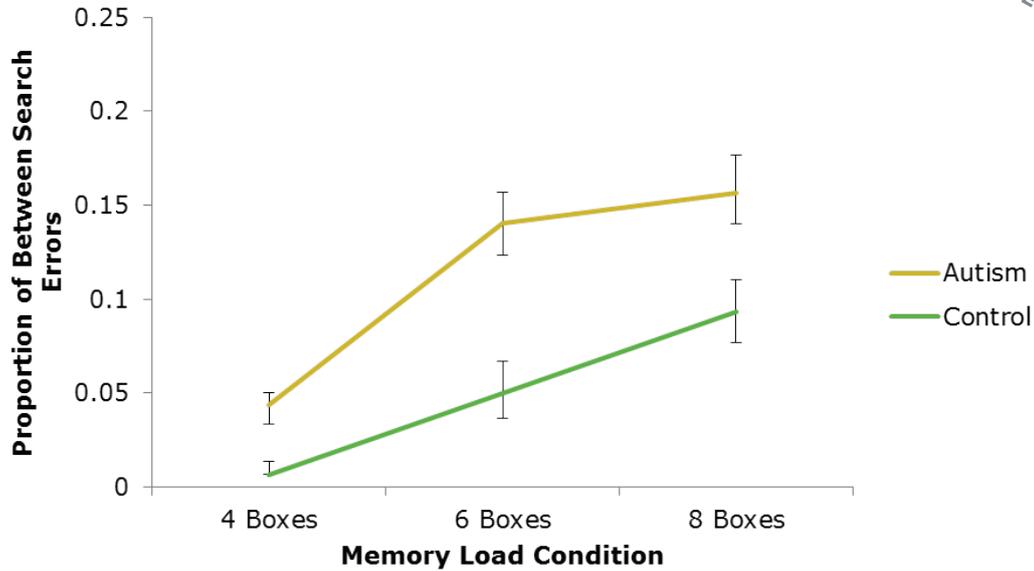
**Working Memory**  
CANTAB Spatial Working Memory Task (7 mins).



**Multitasking**  
CANTAB Multitasking Test (20 mins).

## Sensitive to the key cognitive domains impaired in Autism

Patients with higher functioning autism show impairments in working memory relative to matched controls.<sup>1</sup>



1. Steele S. D., Minshew N. J., Luna B., Sweeney J. A. (2007) Spatial working memory deficits in autism. *Journal of Autism and Developmental Disorders*. 37: 605 - 612

## 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.**

[www.cantab.com](http://www.cantab.com)  
[info@cantab.com](mailto:info@cantab.com)