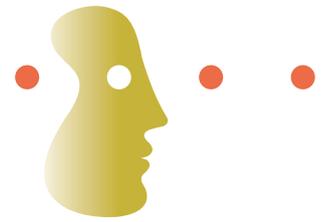


# CANTAB Connect Depression



## Cognitive Assessment for Depression and Affective Disorders Clinical Trials

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

### Product overview:

- ✓ Phases I-IV
- ✓ Under 35 minutes per subject
- ✓ Repeatable assessments
- ✓ Standardized testing
- ✓ Automatic scoring
- ✓ HIPAA compliant data

### Measures include:

- Sustained Attention
- Visual memory
- Working memory
- Planning
- Emotion recognition

### 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 that are language-independent and culturally neutral, ideal in multi-national studies.

*Compliant* with global GCP and regulatory standards.

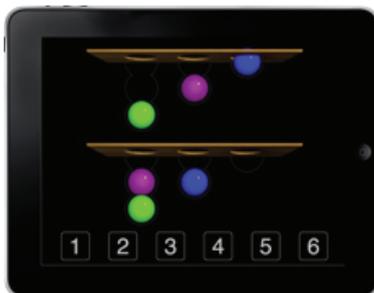
### The CANTAB Connect Cloud

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.



## Depression test panel

The CANTAB tests in CANTAB Connect Depression are sensitive to experimental manipulation of symptoms, including through pharmacological intervention, allowing researchers to measure behavioural improvements in performance:



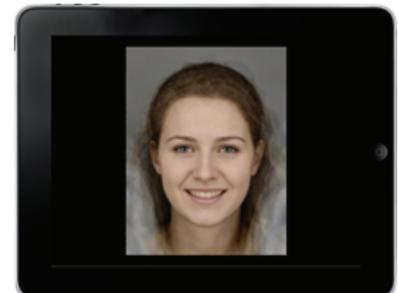
### Planning

CANTAB One Touch  
Stockings of Cambridge  
Task (10 mins).



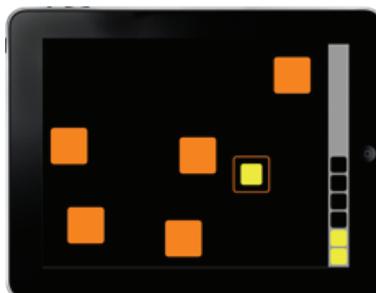
### Attention and Visual Memory

CANTAB Delayed Matching to  
Sample Task (7 mins).



### Emotion Recognition

CANTAB Emotion Recognition  
Task (6 mins).



### Working Memory

CANTAB Spatial Working  
Memory Task (4 mins).



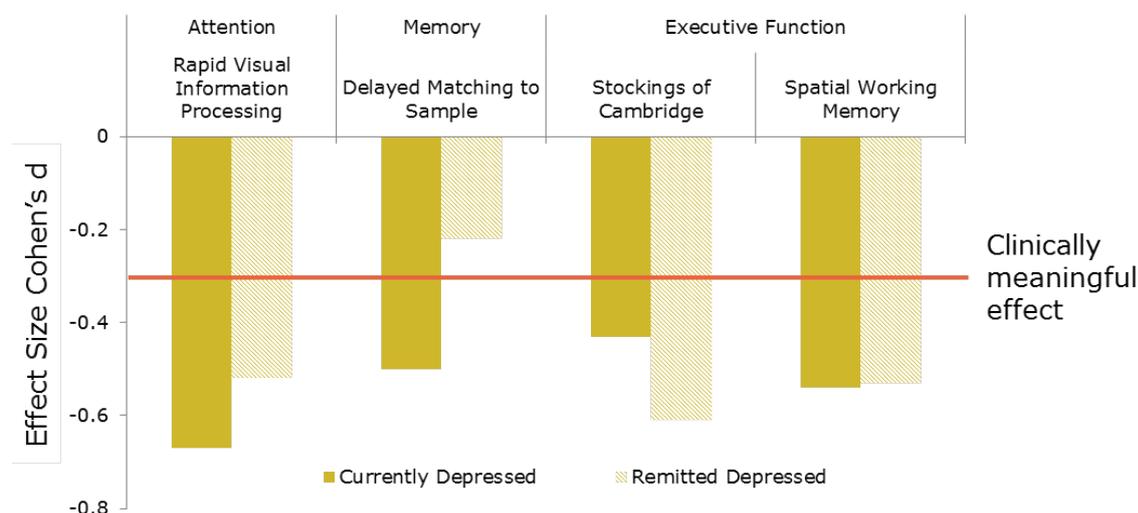
### Sustained Attention

CANTAB Rapid Visual Information  
Processing Task (7 mins).



## Sensitive to the key cognitive domains impaired in depression

Moderate impairments in sustained attention, memory and executive function are observed in depression which do not recover after treatment or remission of mood symptoms.<sup>1</sup> Effect sizes of 0.3 or greater (Cohen's d) are considered to be clinically relevant.



1. Rock, P.L., Roiser, J.P., Riedel, W.J. & Blackwell, A.D., (2014). Cognitive impairment in depression: a systematic review and meta-analysis. *Psychological Medicine*, 44, 2029-40

## 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 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 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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