

## Cognitive Assessment for Huntington's Clinical Trials

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

### Product overview:

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

### Measures include:

- Processing speed
- Episodic memory
- Working memory
- Executive function

### 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, making them ideal for international studies.

*Compliant* with global GCP and regulatory standards.

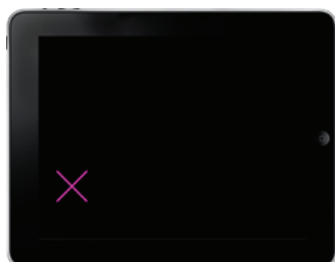
### The CANTAB Connect Cloud

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.



## Huntington's test panel

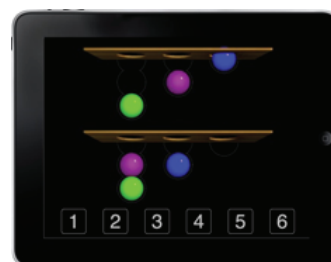
The CANTAB tests in CANTAB Connect Huntington's are sensitive to experimental manipulation of symptoms, including through pharmacological intervention, allowing researchers to measure behavioural improvements in performance:



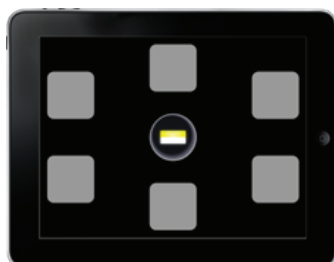
**Test Familiarization**  
CANTAB Motor Screening Task (3 mins).



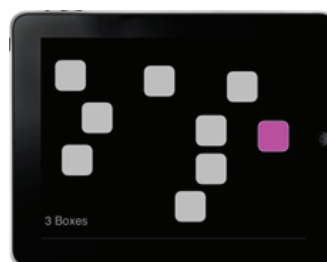
**Processing and Psychomotor Speed**  
CANTAB Reaction Time Task (3 mins).



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



**Visuospatial Episodic Memory**  
CANTAB Paired Associates Learning Task (8 mins).

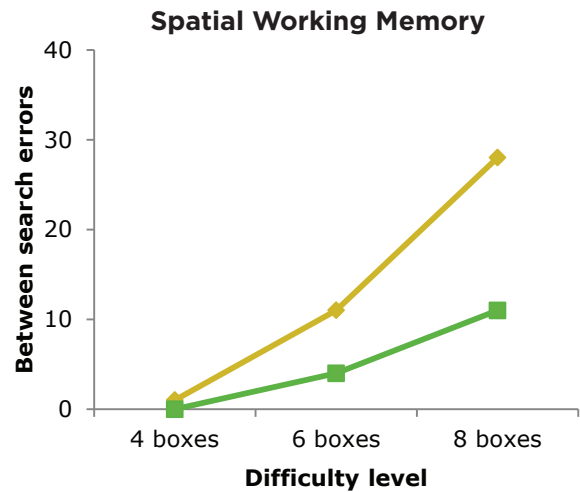
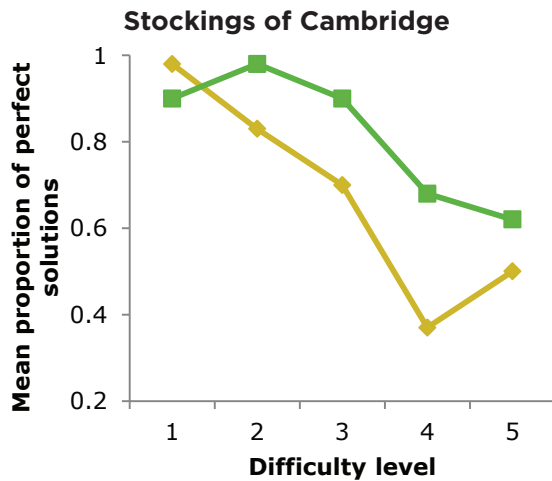


**Working Memory**  
CANTAB Spatial Span Task (4 mins).

# Sensitive to the cognitive domains impaired in Huntington's



Patients with Huntington's disease were significantly slower than controls to make their first response<sup>1</sup>.



1. Watkins L. H. A., Rogers R. D., Lawrence A. D., Sahakian B. J., Rosser A. E., & Robbins T.W., (2000) Impaired planning but intact decision making in early Huntington's disease: implications for specific fronto-striatal pathology. *Neuropsychologia*, 38; 1112 to 1125

2. Lawrence et al., *Brain*, 2000; 123: 1349-1364

## 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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