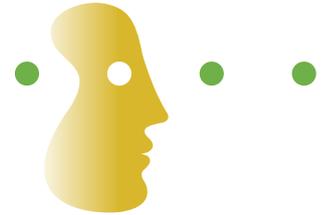


CANTAB Connect Research TBI



Cognitive assessment for studies of TBI

CANTAB Connect Research TBI is a precise, validated and objective cloud-based cognitive assessment and data collection system for studies researching traumatic brain injuries.

Product overview:

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

Measures include:

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

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.

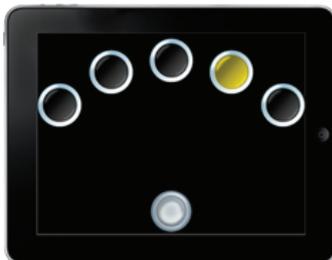
The CANTAB Connect Cloud

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.

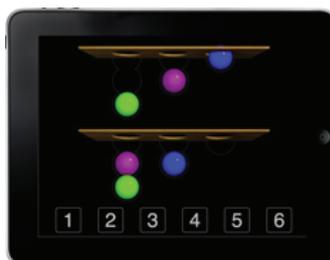


TBI test panel

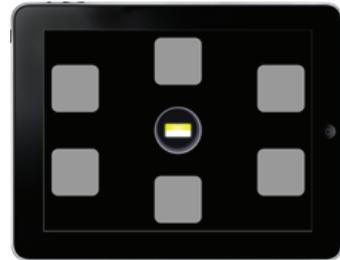
The CANTAB tests in the TBI battery are sensitive to experimental manipulation of symptoms, including pharmacological intervention, allowing researchers to measure behavioural improvements in performance.



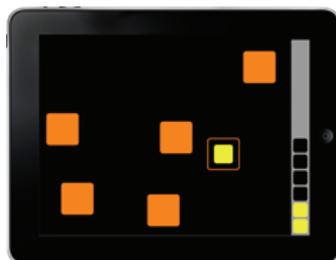
Processing and Psychomotor Speed
CANTAB Motor Screening Task (2 mins).



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



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



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

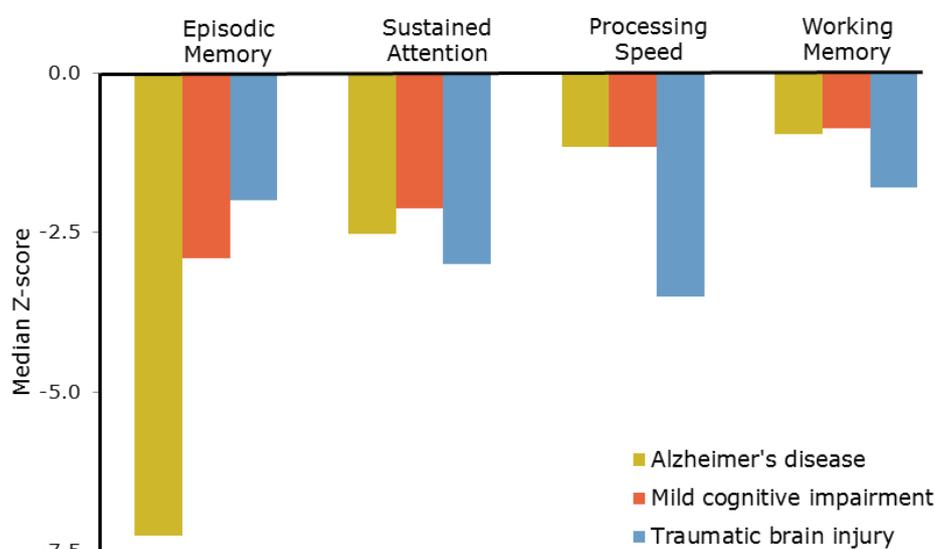


Multitasking
CANTAB Multitasking Test (8 mins).



Sensitive to the key cognitive domains impaired in TBI

Patients who have suffered a traumatic brain injury show greater deficits in attention, processing speed and working memory than patients with mild cognitive impairment or Alzheimer's disease.^{1,2}



1. Egerhazi A, Berecz R, Bartok E, Degrell I. (2007). Automated Neuropsychological Test Battery (CANTAB) in mild cognitive impairment and in Alzheimer's disease. *Progress in Neuro Psychopharmacology and Biological Psychiatry* 31(3):746-51.

2. Salmund, C. H., Chatfield, D. A., Menon, D. K., Pickard, J. D., & Sahakian, B. J. (2005, January 1). Cognitive sequelae of head injury: Involvement of basal forebrain and associated structures. Retrieved September 11, 2015, from *Brain*

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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