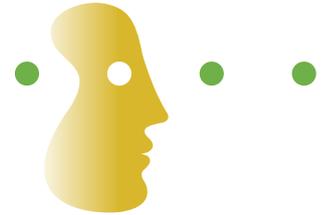


CANTAB Connect Research Alzheimer's



Cognitive assessment for studies of Alzheimer's disease

CANTAB Connect Research Alzheimer's is a precise, validated and objective cloud-based cognitive assessment and data collection system for studies researching Alzheimer's disease.

Product overview:

- ✓ 20 minutes per subject
- ✓ Repeatable assessments
- ✓ Standardized testing
- ✓ Automatic scoring

Measures include:

- Episodic memory
- Visual memory
- Sustained attention
- Working memory
- Strategy
- Processing speed

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.

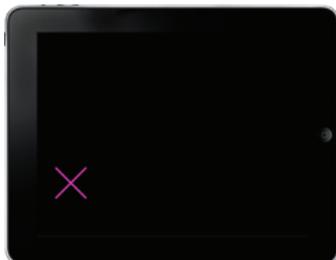
The CANTAB Connect Cloud

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.

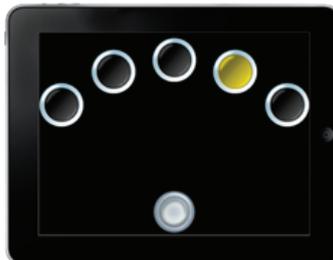


Alzheimer's test panel

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



Test Familiarization
CANTAB Motor Screening Task (2 mins).



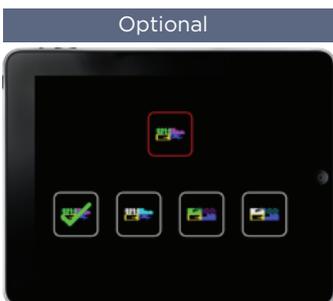
Processing and Psychomotor Speed
CANTAB Reaction Time Task (3 mins).



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



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



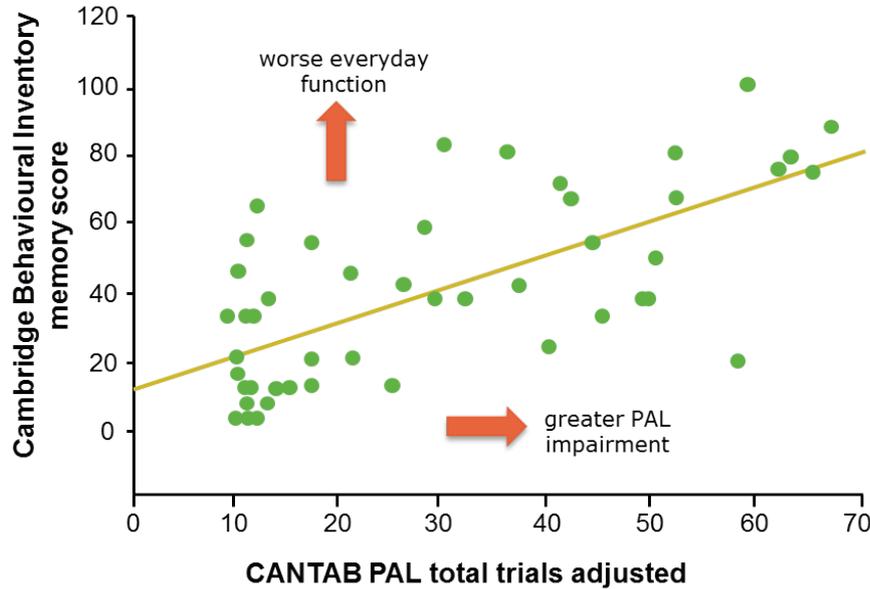
Attention and Visual Memory
CANTAB Delayed Matching to Sample Task (7 mins).



Sustained Attention
CANTAB Rapid Visual Information Processing Task (7 mins).

Highly sensitive to key cognitive domains impaired in Alzheimer's disease

CANTAB Paired Associates Learning (PAL) shows clinically meaningful outcomes associated with day-to-day function as measured against the Cambridge Behavioural Inventory memory score (CBI-R) which measures orientation, life skills, self-care, and motivation.^{1,2}



Internal data, see also:

1. Swainson, J., Hodges, J.R., Galton, C. J., Semple, J., Michael, A., Dunn, B.D., ... Sahakian, B.J. (2001) Early detection and differential diagnosis of Alzheimer's disease and depression with neuropsychological tasks. *Dementia and Geriatric Cognitive Disorders*, 265-280. Aleman A, Hijman R, de Haan EH & Kahn RS. (1999) Memory impairment in schizophrenia: a meta-analysis. *Am J Psychiatry*. 156(9): 1358-66.
2. Russ, T. C., Batty, G. D. & Starr, J. M. (2011) Cognitive and behavioural predictors of survival in Alzheimer disease: results from a sample of treated patients in a tertiary-referral memory clinic. *International Journal of Geriatric Psychiatry*. 27: 844 - 853

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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