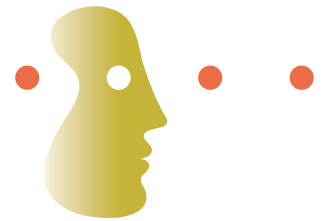


CANTAB Connect Alzheimer's



Cognitive Assessment for Alzheimer's disease Clinical Trials

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

Product overview:

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

Measures include:

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

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.

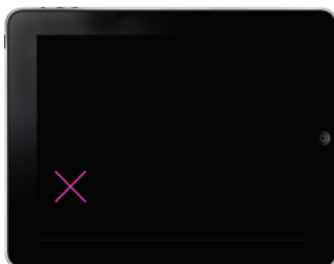
The CANTAB Connect Cloud

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.



Alzheimer's test panel

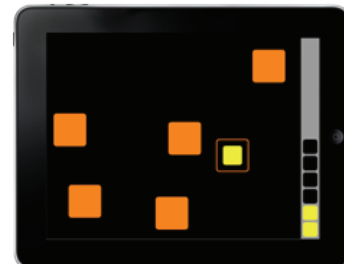
The CANTAB tests in CANTAB Connect Alzheimer's are sensitive to experimental manipulation of symptoms, including through pharmacological intervention, allowing researchers to measure behavioural improvements in performance:



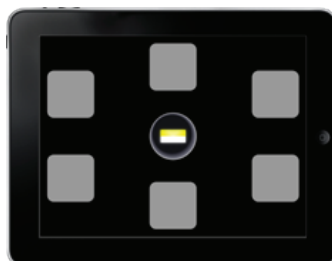
Test Familiarization
CANTAB Motor Screening Task (2 mins).



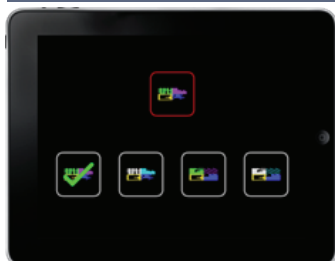
Processing and Psychomotor Speed
CANTAB Reaction Time Task (3 mins).



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



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



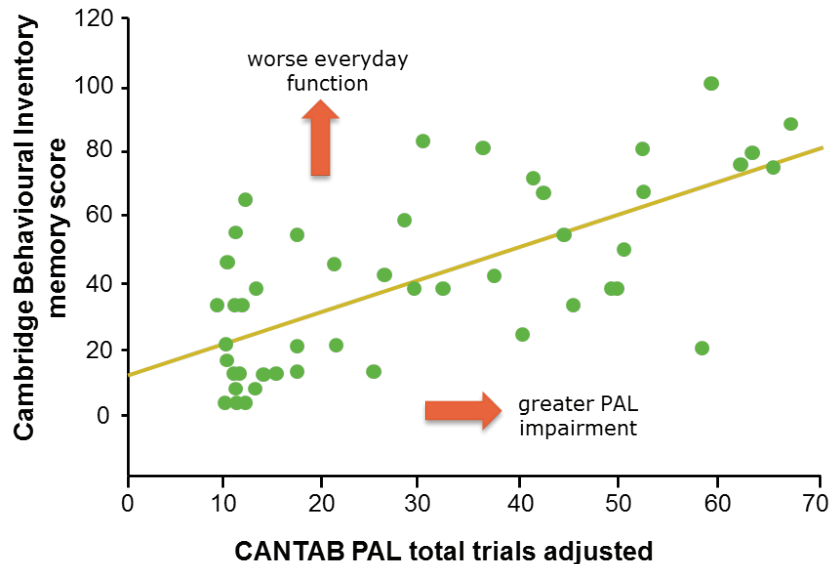
Attention and Visual Memory
CANTAB Delayed Matching to Sample Task (7 mins).



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

Sensitive to the 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. Swinson, 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 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 the 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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