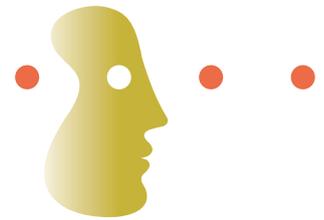# CANTAB Connect
Parkinson's

Cognitive Assessment for Parkinson's Clinical Trials

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

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

Measures include:
- Processing speed
- Episodic memory
- Working memory
- Executive function
- Visual recognition memory

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 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.
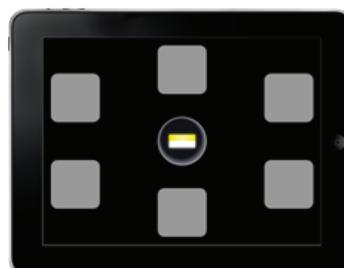
Parkinson's test panel

The CANTAB tests in CANTAB Connect Parkinson's 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).

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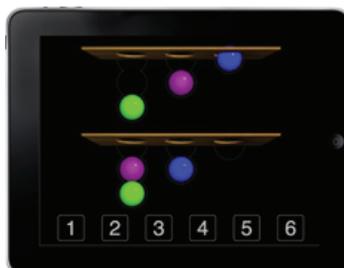CANTAB Paired Associates Learning Task (8 mins).

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

Visual Recognition Memory
CANTAB Pattern Recognition Memory Task (4 mins).

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

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

www.cantab.com
info@cantab.com

Sensitive to the cognitive domains impaired in Parkinson's

CANTAB Connect Parkinson's is sensitive to time-dependent deteriorations in executive function over 5 years, there was no significant decline in Mini Mental State Examination (MMSE).[1]

*** $p < .001$
Significant within-group change in score since baseline
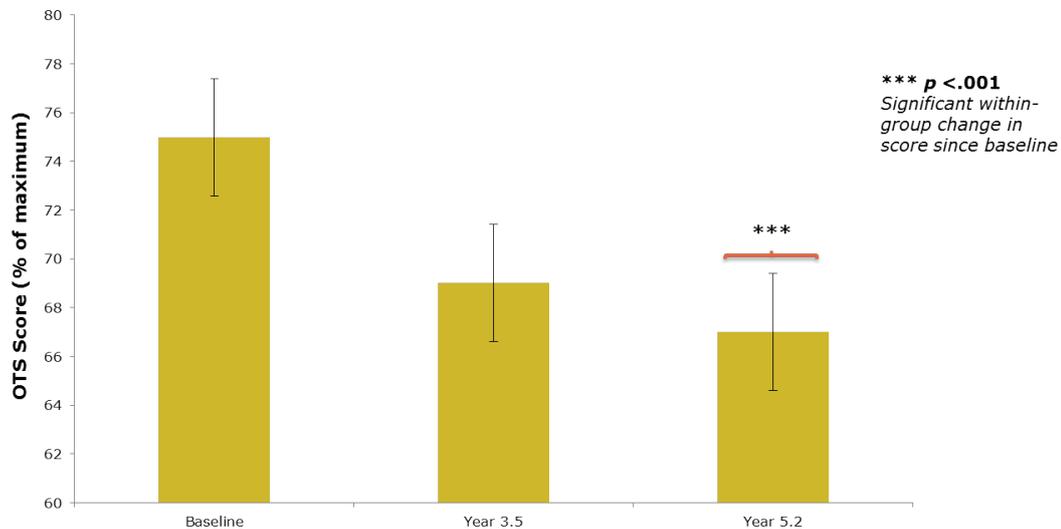
1. Nathan, P.J., Williams-Gray, C.H., Abbott, R.A., Mason, S.L., Foltynie, T., Robbins, T.W., ... Barker, R.A., (2015, March) *Characterisation of cognitive decline over 5 years in an incident Parkinson's Disease Cohort: Results from the CamPaIGN Study.* Poster presented at Alzheimer's & Parkinson's Diseases Congress, Nice, France.

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 on 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 also 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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