

Cantab Connect Multiple Sclerosis



The Cognitive Assessment System for Clinical Trials

Cantab Connect MS is a pharmacologically sensitive cloud computing assessment system for use in pharmaceutical clinical trials investigating the cognitive safety and efficacy of treatments and interventions for Multiple Sclerosis.

Product overview:

- ✓ Phases I-IV
- ✓ 25 minutes per subject
- ✓ Repeatable assessments
- ✓ Standardized testing
- ✓ Automatic scoring

Measures include:

- Reaction time
- Episodic memory
- Executive function
- Sustained attention

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 Cantab tests are language independent and culturally neutral, ideal in multi-national studies.

Compliant with global GCP and regulatory standards.

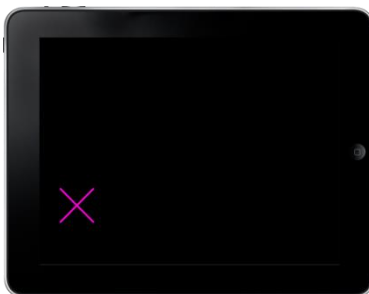
The Cantab Connect Cloud

Access secure real-time data from global sites anytime, anywhere via the cloud. Automatic scoring and monitoring improves data quality for better informed decision making and to accelerate trial completion.

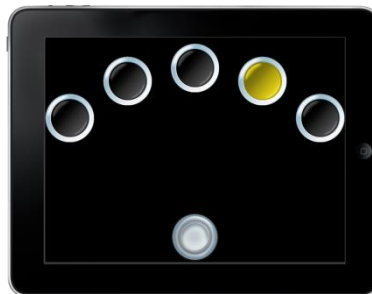


Multiple Sclerosis test panel

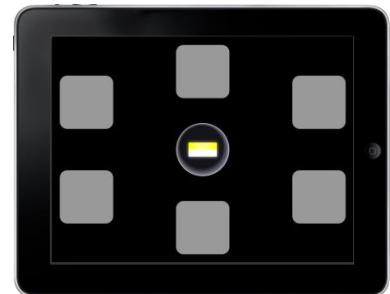
Our recommended battery for testing cognitive domains of importance in Multiple Sclerosis.



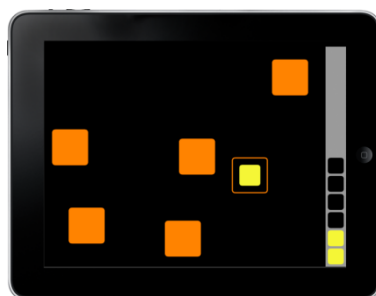
Test familiarization
CANTAB Motor Screening task.



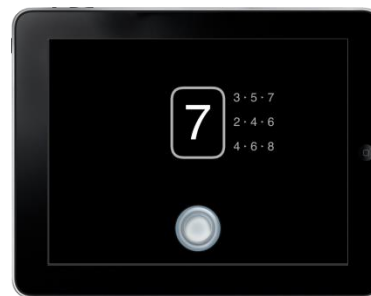
Processing and Psychomotor Speed
CANTAB Reaction Time task.



Visuospatial Episodic Memory
CANTAB Paired Associated Learning task.



Executive function
CANTAB Spatial Working Memory task.



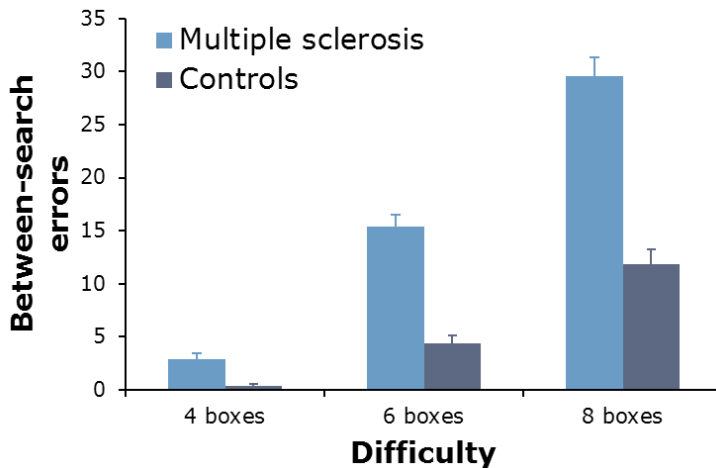
Sustained attention
CANTAB Rapid Visual Information Processing task.

Cantab Connect Multiple Sclerosis



Highly sensitive to pharmacological manipulation

Cantab Connect MS is sensitive to the working memory deficits associated with the disease pathology and severity.



	Correlation with MRI frontal lesion load (<i>r</i>)	Significance
4 box errors	0.29	n.s.
6 box errors	0.65	$p < 0.001$
8 box errors	0.42	$p < 0.01$

Foong et al., Brain, (1997)

Discover the benefits of connected testing

Increase your chances of success

Cantab Connect assessments are highly sensitive to pharmacological manipulation allowing demonstration of the cognitive effects of compounds to regulators. Cantab Connect is also able to detect disease related impairments and change over time, even 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 provided 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 software reduces risks, saves costs and accelerates informed decision making throughout clinical development.

Rely on CANTAB expertise

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