



DriveABLE™
Cognitive
Assessment
Tool

DriveABLE™ Cognitive Assessment Tool

Standardized Assessment

For many medical conditions standardized tools such as MRI's, blood tests, and mammograms are used to determine the risk and extent of the client's medical condition and to determine an appropriate treatment plan. If your patient is showing signs that a cognitive decline due to a stroke, TBI, dementia or other medical condition may compromise driving ability, the same level of standardized assessment should be undertaken to establish the appropriate treatment plan. The difficult decision of when, or if, a person should return to driving is now possible through best practice, evidence-based technology – the DriveABLE™ Cognitive Assessment Tool (DCAT™).

DriveABLE™ Cognitive Assessment Tool

- The DCAT™ is a push button/touch screen technology with advanced software which is highly predictive of actual on-road driving performance.
- The assessor guides the client through six on-screen tasks.
- With the push of a button, the assessment data is scored using proprietary algorithm – and the results are presented in an individually generated report showing the client's performance on each of the six tasks, as well as an overall rating of how the client would likely perform on an On-Road Evaluation.
- The results can be used as a baseline criterion, progress barometer, or post-treatment assessment.

Cognitive Functions Assessed:

- Motor Speed / Control
- Span of Attentional Field
- Spatial Judgement and Decision Making
- Speed of Attentional Shifting
- Executive Function
- Judgement of Driving Situations

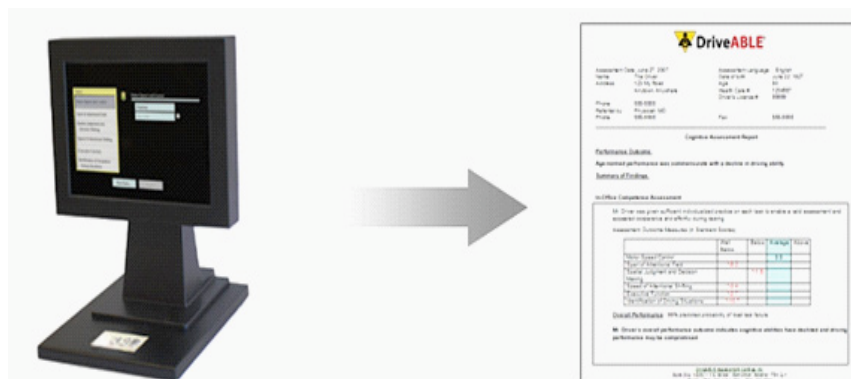
Benefits:

Scientifically Validated – developed through award winning University research and validated in independent field tests.

User-Friendly – replaces pen and paper tasks which are somewhat correlated to driving with a sensitive, easy to administer solution. Avoid time consuming scoring and report writing with our automatic scoring and report generation.

Manages Risk – utilizing our highly predictive In-Office technology reduces the risks to the client as well as other road users by identifying whether the client's driving ability has been compromised due to a medical condition causing generalized cognitive impairment.

Trusted – healthcare professionals, driving assessment professionals, and licensing authorities across North America have put their trust in DriveABLE™ to help make objective, informed decisions on their client's fitness-to-drive.





Sample DCAT™ Report

DriveABLE

Driven by Research

Assessment Date:	December 13, 2006	Assessment Language:	English
Name:	Alfred Smith	Date of birth:	April 12, 1936
Address:	5123 Willow Rd. Waterford, MI, USA 48329	Age:	70
Phone:	(403) 555-1234	Health Care #:	AL123-4552
Referred by:	S. Biggs, MD.	Driver's License #:	111232389
Phone:	555-1111	Fax:	555-2222

Cognitive Assessment Report

Performance Outcome:

Driving cessation is strongly recommended.

Summary of Findings:

Cognitive Assessment:

Mr. Smith was given sufficient individualized practice on each task to enable a valid assessment and appeared cooperative and effortful during testing.

Assessment Outcome Measures (Standard Scores)

	Well Below	Below	Average	Above
Motor Speed/Control			0.0	
Span of Attentional Field		-1.3		
Spatial Judgment and Decision Making		-1.4		
Speed of Attention Shifting		-0.8		
Executive Function	-1.9			
Identification of Driving Situations	-2.0			

Summary: 99% predicted probability of road test failure.

Mr. Smith's overall performance outcome was outside the range of normal healthy drivers as defined through the research and commensurate with driving ability having declined to an unsafe level. Continued driving can place Mr. Smith's safety and the safety of others at risk.

Driving cessation is strongly recommended.

On-Road Evaluation:

Mr. Smith was not given an on-road evaluation. The research showed that 9/10 individuals performing in this range on the Cognitive Assessment made significant and often dangerous driving errors. A test drive on public roadways may present unnecessary risk to the driver and other road users.

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