





Cognivue®

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Founder and CEO

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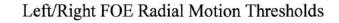
COGNIVUE ENABLES CARE

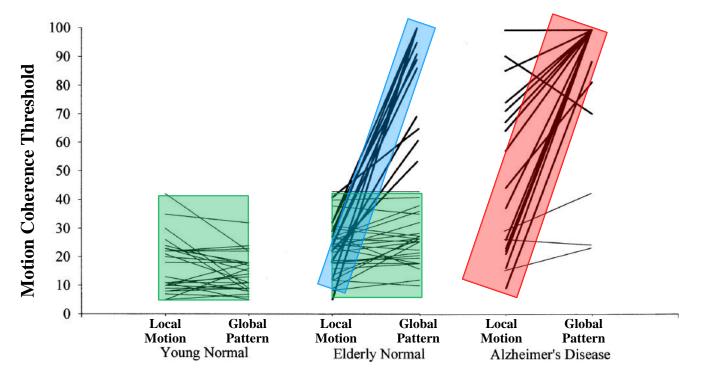


- Cognivue is an artificial intelligence neurological tool, not a computerized psychological questionnaire
- Cognivue promotes cost-effective dementia care in primary care office practices
- Cognivue aligns patients, families, and practitioners by moving beyond dementia as an accusation

ORIGINS OF COGNIVUE





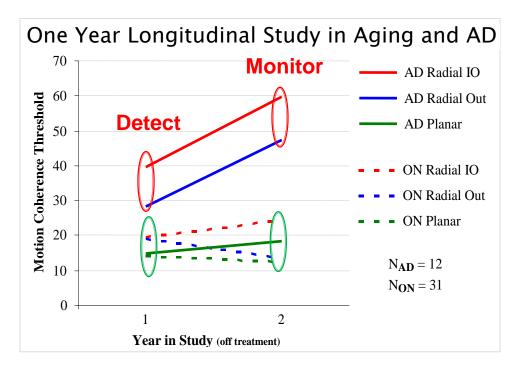


Psychophysics Distinguishes Aging and AD

UTILITY OF COGNIVUE



Detect and monitor disease neurological deficits

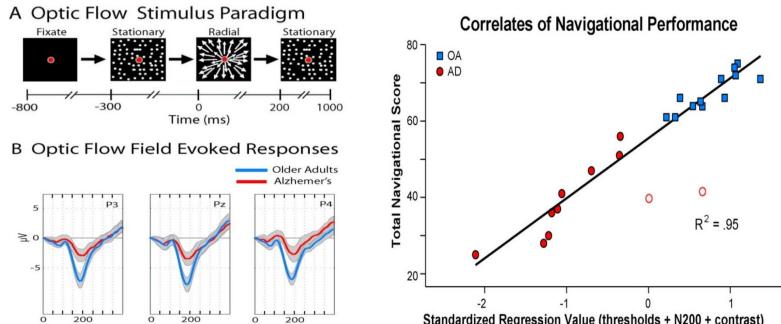


Stability in normal aging Decline in early Alzheimer's

NEURAL MECHANISMS OF COGNIVUE

Time (ms)

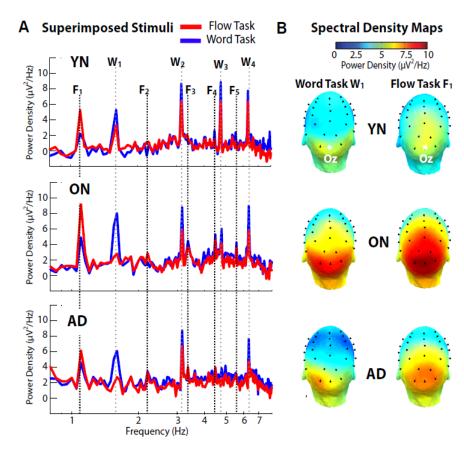


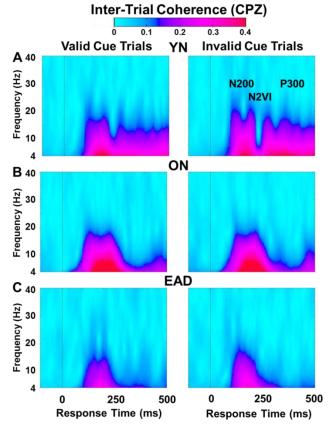


Standardized Regression Value (thresholds + N200 + contrast)

LINKS TO AGING AND ALZHEIMER'S







Hyperactivity of soluble Aβ Loss od activity with Aβ plaques

Loss of signal coherence in aging and early AD

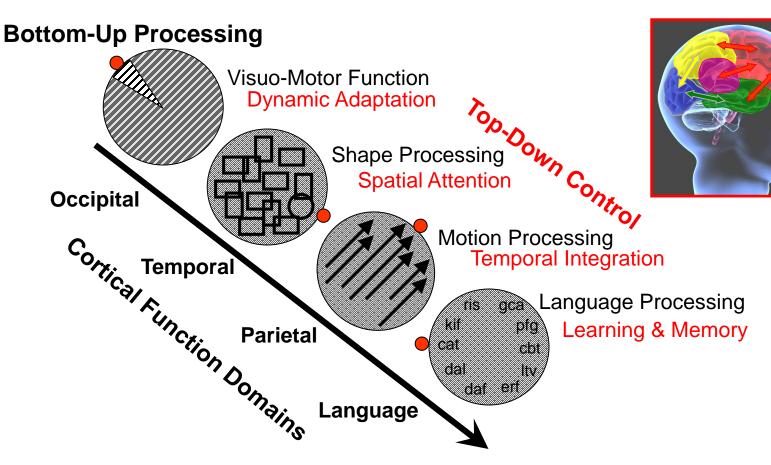
SIX KEY POINTS

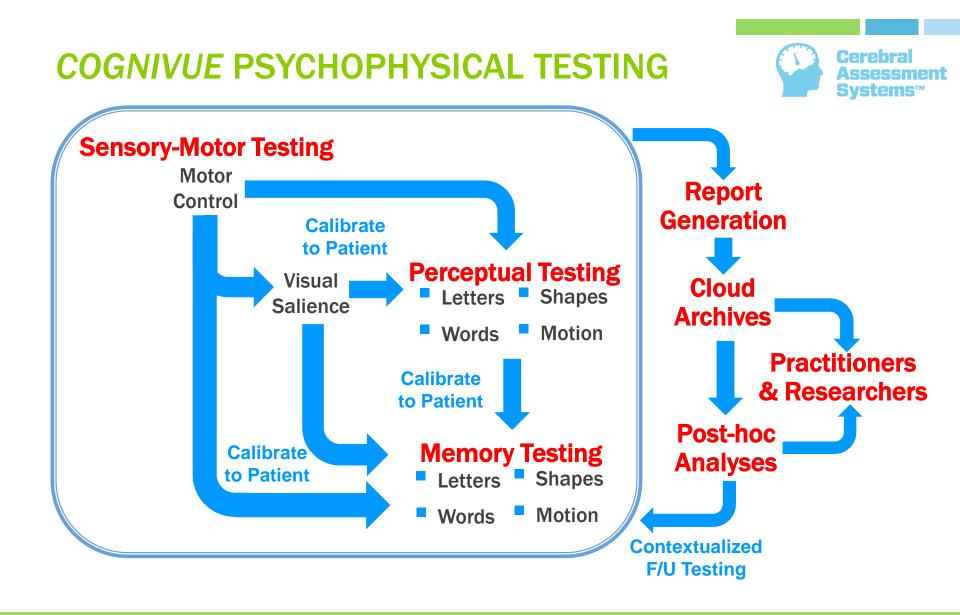


- 1. Detect functional impairment
- 2. Monitor disease progression
- 3. Assess therapeutic efficacy
- 4. Access neural mechanisms
- 5. Foundation of complex behaviors
- 6. Domain-specific impairment measures

COGNIVUE COMMERCIALIZATION



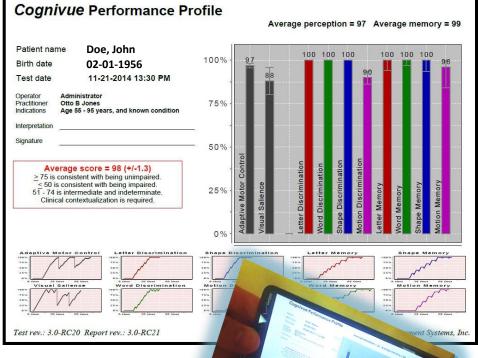




THE COGNIVUE SYSTEM







Secure access on *Cognivue*, desktops, and portable devices

Cognivue – 10 Tests in 10 Minutes

COGNIVUE'S FDA VALIDATION



3rd FDA Validation Study

N = 401 subjects 55– 95 yo

impaired vs. unimpaired

Cognivue vs. SLUMS PPA & NPA

.82 & .98

3rd FDA Reliability Study

N = 356 subjects tested twice

Cognivue re-test correlation = .90

PPA = .89, NPA = .93, ICC = .94

SLUMs re-test correlation = .82

PPA = .87, NPA = .87, ICC = .87

COGNIVUE'S ADVANTAGES



- 1) Objective psychophysics
- 2) Neurological assessment
- 3) Linked to brain electrical activity
- 4) 10 minute testing in doctor's office
- 5) Simple test interpretation algorithm
- 6) Easily explained to patients and families

PLATFORM TECHNOLOGY TARGETS



- Cognitive Disorders Dementias, Deliriums, Syndromes
- Movement Disorders Parkinsonism and overlap syndromes
- Affective Disorders Depressions, Manias, Psychoses
- Acquired Disorders Head injury and medicinal SEs
- Developmental Disorders Conditions and Pathopotential

COGNIVUE CONTINUING EXPANSION

TECHNOLOGY ATTRIBUTES & GAPS

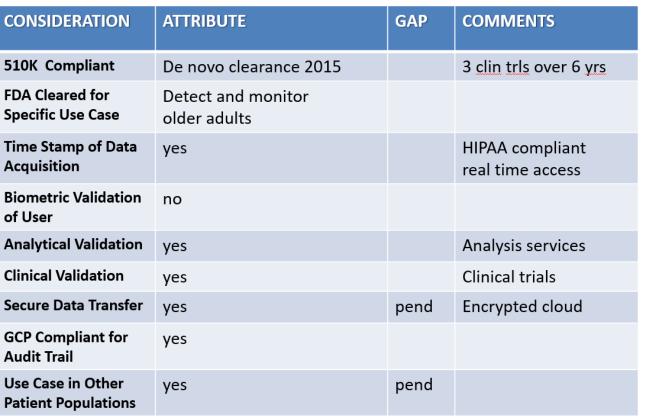
Concept-of-Interest Measured:

Domain-specific cortical function

	P A
	S

Cerebral

vstems





Bringing cognitive care to primary care