

# Elevating the standard of cognitive care

Easily and objectively detect subtle signs of cognitive impairment, which may have association with dementias, including Alzheimer's disease.

✓ FDA Class II medical device



## A new era in cognitive assessment

With cognitive impairment on the rise, new approaches are needed to accelerate intervention, combat decline, and improve patient care.

BrainCheck Assess equips providers with a trustworthy tool to evaluate and track cognitive health over time – from any device, in any location.

By easily and objectively monitoring cognition – similar to blood pressure or cholesterol – BrainCheck Assess empowers clinicians to streamline assessments, reduce administrative burden, and save time.

### Key Benefits

- ✓ Digital tool
- ✓ Easy-to-use
- ✓ Clinically validated<sup>1,2</sup>
- ✓ Any device, any location
- ✓ Remote testing
- ✓ EHR integration<sup>3</sup>
- ✓ Fully reimbursable

## Trusted tools, transformed

Eliminate the burden of outdated paper-based tests and elevate your approach to cognitive assessments with clinically-validated digital versions of familiar screeners, precisely measuring performance across cognitive domains.<sup>1,2</sup>

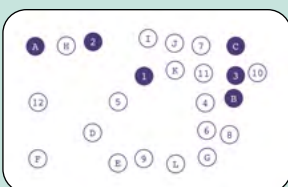
### Attention

Trails A



### Mental Flexibility

Trails B



### Memory

Immediate Recognition



Delayed Recognition



### Processing Speed

Digit Symbol Substitution



### Executive Function

Stroop



## Proven technology, powerful results

Rigorously validated and tested in clinical settings, BrainCheck Assess™ powers accurate and objective scoring, supported by a robust normative database.<sup>1,2</sup>

With high sensitivity and specificity, BrainCheck Assess™ delivers the accuracy of traditional tests, with the convenience and reliability of a mobile, digital, and easy-to-use assessment.<sup>1,2</sup>

**96%**

of patients reported high levels of satisfaction<sup>4</sup> with BrainCheck Assess™ and BrainCheck Plan™

### BrainCheck Assess™

Identifying dementia<sup>1</sup>

**88%**

sensitivity

**94%**

specificity

Identifying cognitive impairment and dementia<sup>2</sup>

**81%**

sensitivity

**94%**

specificity

**References:** 1. Ye S, Sun K, Huynh D, Phi HQ, Ko B, Huang B, Hosseini Ghomi R. A Computerized Cognitive Test Battery for Detection of Dementia and Mild Cognitive Impairment: Instrument Validation Study. *JMIR Aging* 2022;5(2):e36825 doi: 10.2196/36825 2. Groppell S, Soto-Ruiz KM, Flores B, Dawkins W, Smith I, Eagleman DM, Katz Y. A Rapid, Mobile Neurocognitive Screening Test to Aid in Identifying Cognitive Impairment and Dementia (BrainCheck): Cohort Study *JMIR Aging* 2019;2(1):e12615. <https://doi.org/10.2196/12615> 3. Some feature availability determined by EHR integration. 4. Huang B, Zavala P, Mann C, Harlock S, Dekle K, Knighton A, Ajtai B, Hemphill J. Implementation of BrainCheck for Cognitive Assessment and Care Planning in the Clinica Setting. *Innov Aging*. 2023 Dec 21;7(Suppl 1):917. doi: 10.1093/geroni/igad104.2946. PMID:PMC10738837.

**Warning:** BrainCheck Assess is an FDA Class II Medical Device. The device should be interpreted only by qualified healthcare professionals. The device is not intended to be used as a stand-alone diagnostic device. The device is not intended to identify the presence or absence of clinical diagnosis. BrainCheck Screen, BrainCheck Plan and screeners are not regulated devices, but may be used alongside BrainCheck Assess to support clinical decision making in evaluating cognitive status.