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**OUR APPROACH** 

# Practical solutions for proactive brain health™

Leveraging cutting-edge neuroscience, clinical expertise, and AI to accelerate early detection of Alzheimer's and other dementias.



## Bringing the power of digital health to brain health

Amid the global aging of the population and <u>startling projections</u> for Alzheimer's and other dementias, it's never been more critical to find new ways to detect and address cognitive issues early. At Linus Health, we aim to help people live longer, happier, and healthier lives with better brain health. That starts with empowering providers and researchers with better tools for assessing cognitive function.



## A groundbreaking digital platform for early detection

We're on a mission to make early detection of cognitive impairment more widespread in brain health. That requires making it both possible and practical. To that end, our Al-enhanced digital cognitive assessment platform enables sensitive and efficient cognitive testing for both providers and researchers.

For healthcare delivery organizations, our platform combines next-generation



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For healthcare delivery organizations, our platform combines next-generation digital cognitive assessments, actionable clinical decision support, and personalized patient plans to help providers find and act on cognitive issues early.

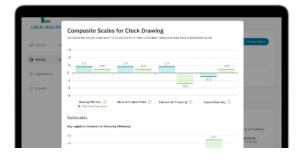
<u>For life sciences companies and other research organizations</u>, the platform provides sensitive digital cognitive assessments, timely data access, and modern administrator and participant tools to streamline cognitive research.

## A digital upgrade to a long-established standard

Our flagship assessment, DCTclock™, is a scientifically-validated digital upgrade to the long-established pen-and-paper Clock Drawing Test. Named to TIME's Best Inventions of 2021 list, DCTclock surfaces subtle signs of cognitive impairment that could otherwise go undetected for years, while enhancing assessment objectivity and efficiency. Now fully administered via iPad, earlier versions of the product arose from over a decade of R&D at Lahey Hospital & Medical Center and MIT.

Our next-generation digital cognitive assessment, Digital Clock and Recall (DCR™), incorporates and builds on DCTclock by adding immediate and delayed word recall elements to assess verbal memory, a key indicator of a person's cognitive trajectory.





## Clinical expertise combined with cutting-edge AI

At Linus Health, we focus on *augmenting* human clinical expertise with AI, unlocking new visibility into cognitive function for clinicians and researchers. The key to what makes our assessments unique? Incorporating the <a href="Boston Process">Boston Process</a>
<a href="Approach">Approach</a>. This approach – exclusive to Linus Health in the context of digital clock</a>



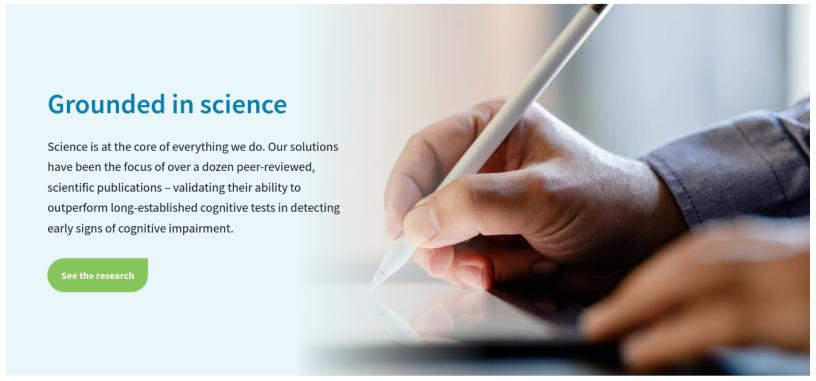
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Approach. This approach – exclusive to Linus Health in the context of digital clock drawing tests – suggests that analyzing a person's *process* as well as errors, provides much more insight about cognition than test outputs alone. DCTclock™ utilizes this approach to assess 100+ metrics in the clock drawing process, yielding greater insights and sensitivity in the detection of cognitive impairment.

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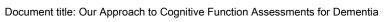




### **Core Cognitive Evaluation™**

While 98% of PCPs in an Alzheimer's Association survey said it's important to diagnose mild cognitive impairment (MCI), almost 60% said it's difficult to do so. The top-reported challenges include difficulty distinguishing MCI from normal aging (72%), difficulty interpreting patient reports of daily functioning (51%), and lack of expertise in performing cognitive assessments (47%). That's why the Linus Health platform for healthcare delivery organizations provides much more than scores.

Core Cognitive Evaluation™ combines quantitative insights from our next-generation digital assessment with qualitative insights from a life and health survey, helping providers understand both a patient's current cognitive status and future dementia risk. To make these insights actionable, the software platform provides clinical decision support alongside patient results and generates personalized action plans for patients - making it easier for providers to navigate next steps and support patients with evidence-based guidance.



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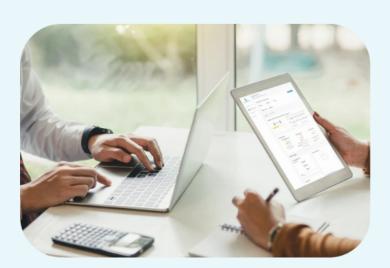
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## A partnership, not just a product

The strength of any solution hinges on the team behind it – especially in healthcare. At Linus Health, everything we do is grounded in science, clinical expertise, and a deep understanding of customer needs. We bring together experts in neuroscience, clinical care, artificial intelligence, data science, and product innovation to deliver cutting-edge solutions and further our work to transform brain health worldwide.

What's more, our team is committed to delivering both an exceptional product and exceptional service – from day one. We know that adopting any new technology requires a solid understanding of how it will fit into – and enhance – existing workflows and we work closely with our customers to plan for a successful rollout. Our customer success team not only facilitates an efficient implementation, but also partners with customers on an ongoing basis to help them achieve their objectives.



### Frequently asked questions about neurocognitive tests

Below you'll find answers to the most common questions about cognitive testing.

What advantages does a digital cognitive assessment offer over paper-based tests?	$\bigcirc$
What are the benefits of using a digital health platform for cognitive testing?	( <b>v</b> )
How do providers incorporate digital brain health technology into their practices?	•
How does digital brain health technology use artificial intelligence?	lacksquare

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How can people protect their brain health as they age?



## Prepare for shifting dynamics in cognitive care

Download the guide below for insights on preparing for older adults' evolving brain health needs.



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Also of Interest Cognitive Health Solutions Brain Health Screening and Monitoring Solution Cognitive Neuroscience Research Solutions



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