

# Alzheimer's Disease Detect and Prevent



# AD Detect and Prevent Project

Aims to develop a **robust digital tool** that:

- 1. Enables the early detection of **Alzheimer's disease** prior to the possible onset of dementia.
- 2. Offers personalized intervention programmes that address lifestyle risk factors connected to **Alzheimer's dementia**.



**Novel method by Oxford University:** cognitive assessment method that has the potential to detect subtle cognitive signs associated with AD.

**Brain+ digital tools for neurorehabilitation:** online platform for adaptive cognitive training and rehabilitation, and behavioural programmes for brain health.

Oxford cognitive  
assessment method

Brain+ digital  
platform

Combine & Gamify

AD Detect and  
Prevent digital  
tool



Alzheimer's Disease  
Detect & Prevent

User-friendly, highly scalable  
and easily accessible

➤ **Smartphones**

➤ **Tablets**



Alzheimer's Disease  
Detect & Prevent

# Validation studies



**Study Brain+/Oxford:** *aims at identifying early subtle changes in cognition in people with a high risk of developing AD but who are currently asymptomatic.*



AARHUS UNIVERSITET

**Study Aarhus:** *aims at validating the precision of the AD Detect and Prevent detection tool for detecting subtle cognitive changes in asymptomatic AD at-risk individuals (using PET and DW-MRI scans).*



The University of  
**Nottingham**

**Study Nottingham:** *will examine the immediate and prolonged impact of AD Detect & Prevent training, particularly for transfer effect to other real-world tasks.*



Alzheimer's Disease  
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# AD Detect and Prevent Consortium



# Get in touch



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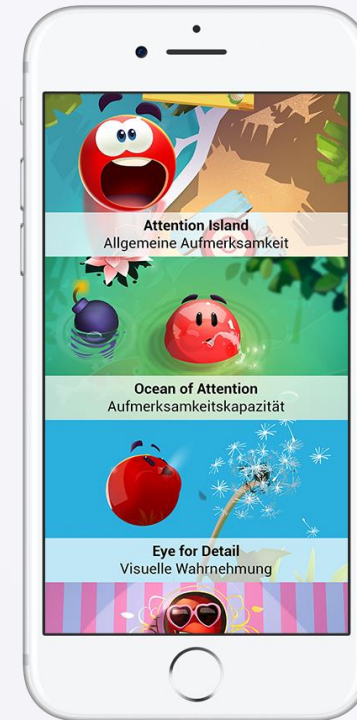
Alzheimer's Disease  
Detect & Prevent





recover

Better brain, better life



## Digital Therapeutics for brain disease and disorders

Kim Baden-Kristensen, Co-founder & CEO, Brain+

brain+  
Care for your brain

# Early detection with gamified "Night Sky" memory test (Oxford AD test)

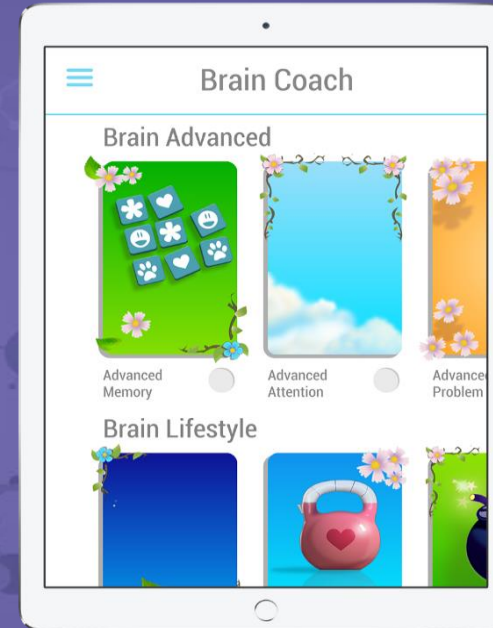


# Brain+ uses a powerful multi-modal treatment method

Adaptive cognitive training



Gamified behavioural therapy



+

Cognitive Health

Behavioral health



Help us find the digital cures and treatments to brain disease



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**brain+**  
Care for your brain