

# Science Park

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## **BrainTrip Health**

### **Fast and affordable dementia screening**

BrainTrip has developed, scientifically tested, and validated an electroencephalogram (EEG) based algorithm for the reliable detection of mental impairment. Such impairment can be the result of early-stage dementia.

Our algorithm is paired with a third party EEG and used in elderly care facilities as a screening tool for dementia. Medical dementia workups are expensive and invasive, therefore having a screening tool to determine whether such procedures are worthwhile is of great benefit to patients and physicians. Our method works best for people over 60, when the risk for early dementia starts to steeply rise. The test can be applied in a matter of minutes and is completely non-invasive: no needles, chemicals, or radiation exposure. After the test, the client is told that their results show no cognitive impairment, or, if this is not the case, they are advised to seek further diagnostic tests with their physician.



Team Braintrip

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