Brain Ageing Test

Starlab Brain Ageing Test (SBA-Test) delivers fast and easy access to key features of your brain to support brain health assessment.

Cognitive Decline Detection

Neuromarkers including AI

Data-Driven Reporting

Non-invasive brain monitoring cloud platform

Starlab Brain Ageing helps doctors make data-driven clinical decisions.

EEG MARKERS EXTRACTION

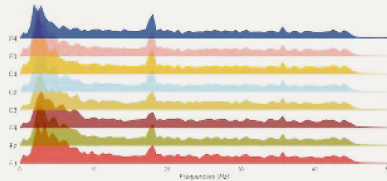Cloud platform

— Data Analysis services

Wireless EEG

data acquisition

Report

AI Decision Support

Easy-to-use, non-invasive brain monitoring cloud platform based on wireless electroencephalography (EEG), Artificial Intelligence and automated reporting. SBA-Test helps doctors make data-driven informed clinical decisions regarding cognitive aging and early pathological signs.

EEG Markers

A cost-effective and early assessment of cognitive status and decline in the aging brain based on the latest neuroscientific evidence. Electrophysiology markers included:

- Theta-Alpha Ratio
- Slow-to-Fast ratio
- Peak Alpha Frequency
- Auditory oddball ERPs
- Auditory Steady State Response

Neuroprotective clinical trials and research

We offer customized solutions for including EEG in neuroprotective clinical trials. Our service includes support for:

- Device access, usage and training
- Study protocol preparation
- Protocol implementation
- Data collection and GDPR-compliant management
- EEG quality control and improvement
- Data analysis and reporting

Reference customer, collaborators, and projects

- Brain 360 Institute (Barcelona)
- AELIS Farma (France)
- Fundació ACE (Barcelona)
- Barcelona Beta Brain Research Center
- Institut Guttmann (Barcelona)
- SHAPES (EU H2020)
- Tecniospring Industry (EU H2020)
- AI4HealthyAgeing (Next Generation Funds)

Starlab mission: to transform science into technologies with a real positive impact on society.

Starlab®
LIVING SCIENCE

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