

NeuroHarmony

Your Lifetime Brain Health Partner



World's First 2-Channel Wearable EEG System. Enabling brain function assessment, early screening, and comprehensive brain health management—anytime, anywhere, for all ages.

Over 1.5 Million EEG Records: provide a unique clinical-grade data moat built over 20+ years, enabling highly accurate benchmarking of brain function and training outcomes.

Device Specifications

- Sampling Rate : 250 Hz
- Digital Resolution : 24-bit
- Digital Filter : 0.1–100 Hz
- Connectivity : Bluetooth 5.0
- Charging : USB-C
- OS Compatibility : Windows, Android
- Electrodes : 24K gold dry electrodes



PANAXTOS

Brain Health & Global Mental Health Burden



Understanding Your Brain Through EEG

- In Korea, 1 in 4 adults experience mental health challenges. Globally, over 720 million people (1 in 10) are living with mental disorders, and healthcare costs continue to rise due to aging population and rapid societal change.
- Mental health is no longer an individual issue - it is a global public health challenge.

Brain Status Revealed by BQ (Brain Quotient) Test

Explore your brain like never before with BQ Test, our AI-powered EEG assessment technology that quantifies brain function across 9 core domains :

- Cognitive performance
- Sleep quality
- Emotional regulation
- Stress response
- Attention & focus
- Brainwave symmetry
- Executive function
- Neurological stability
- Autonomic balance

Built on advanced AI biomarkers and EEG pattern recognition, **BQ Test delivers clinically meaningful, data-driven insights** into your brain's current state.



Primary Screening for At-Risk Populations

BQ Test can serve as a first-line screening tool for individuals suspected of cognitive decline, attention difficulties, sleep disorders, or emotional dysregulation especially where access to specialized facilities is limited.

NeuroHarmony : A New-Innovative, AI-Powered & Scientifically Proven Neurofeedback Brain Training Technology

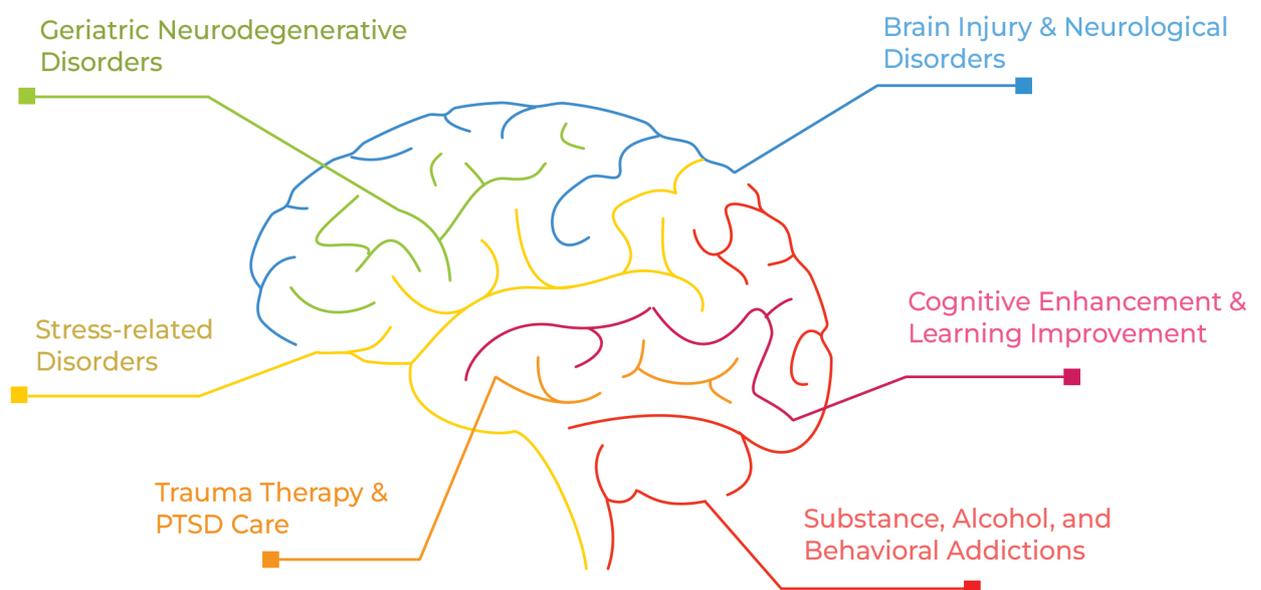
Neurofeedback enables individuals to monitor their real-time brainwave activity and learn to self-regulate their brain function. The method is widely applied to support by

📌 Clinical & Real-World Applications

Research and thousands of field cases have demonstrated significant benefits in:

- ADHD & developmental disorders
- Autism spectrum conditions
- Epilepsy & seizure-related disorders
- Cognitive decline & dementia care
- Stress & anxiety disorders
- PTSD and trauma-related symptoms
- Emotional regulation & mood disorders
- Executive dysfunction & cognitive control
- Brain injury & neurorehabilitation

Neurofeedback is increasingly recognized as a **non-invasive, drug-free intervention** supporting both medical and educational use cases.



NeuroHarmony – Brain Training

AI-driven Neurofeedback Brain Training powered by deep-learning algorithms trains your brain's unique patterns to strengthen relevant neural circuits and activate key areas of the prefrontal cortex.

1. Multi-Domain Brain Development

Supports growth in focus, memory, emotional regulation, and cognitive control.

2. Proven Training Effectiveness

Backed by over 20 years of data and a moat of over 1.5 million EEG recordings, providing robust performance benchmarks.

3. Dynamic, Personalized Training

Training automatically adjusts to real-time brainwave changes for optimized results.

4. Preconfigured Training Modes

Quick, easy setup with pre-configured programs ensures consistent, effective sessions.



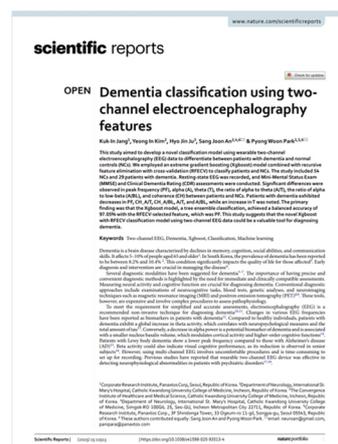
NeuroHarmony BRINT

NeuroHarmony MD



Dementia Classification (AI EEG Biomarker Study)

- **Result** : Using NeuroHarmony's 2-channel EEG, correlation with MMSE-based clinical diagnosis reached 97.5% predictive accuracy.
- **Title** : Dementia Classification Using Two-Channel Electroencephalography Features
- **Published** : April 2025, Nature / Scientific Reports



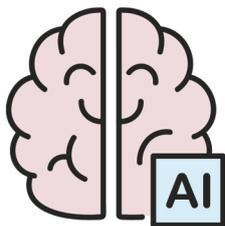
PANAXTOS

Business Divisions



Medical Device Business

- KFDA-certified EEG and neurofeedback medical devices (M2, MD)
- FDA registration completed
- Clinical partnerships with hospitals and specialty centers



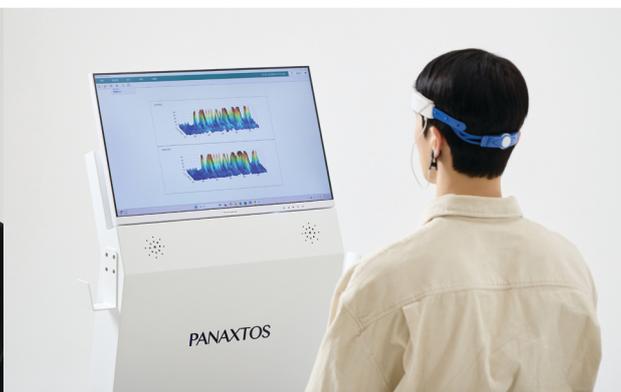
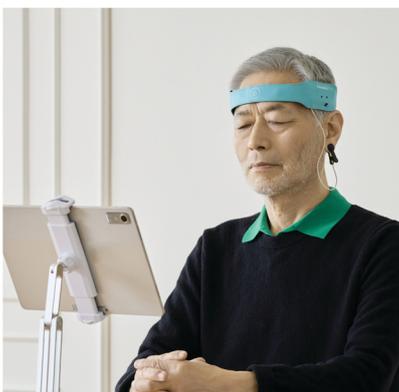
AI Brain Healthcare Business

- AI-driven brain function assessment (BQ2)
- Personalized neurofeedback protocols
- Digital therapeutics pipeline for brain disorders



Education & Cognitive Development

- Nationwide learning centers (BrINT Class)
- EEG-based learning & attention enhancement programs
- Cognitive training solutions for K-12, adults, and seniors



Vision, Certifications & Contact

Reinventing the Brain with AI-powered Digital Neurocare

Panaxtos is dedicated to transforming global brain health through neuroscience, innovation, and evidence-based digital therapeutics. Our mission is to make scientifically validated brain health solutions accessible to people of all ages, worldwide.



☐ Licenses & Certifications

- KFDA-certified medical EEG devices (M2 / MD)
- GMP (Good Manufacturing Practice) certification
- KC Certification for S20 consumer device
- FDA Registration (US)
- CE (EU), CCC (China) (in progress)
- Multiple domestic & international patents



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