



Your complete brain assessment tool

What is WAVi?

WAVi is an all-in-one brain measurement platform which provides objective information about brain function.

WAVi uses well-established evoked EEG technology to measure the brain's activity. The WAVi system provides doctors, researchers and wellness experts with actionable, data-driven reports.

"In bringing the best of medicine and technology to my patients, WAVi provides the objective measurements I need to assess their brain"

-Dr. Marcella Madera, Integrative Neurosurgeon

The WAVi System

Accessible and affordable

The patented headsets were developed over 10 years and refined by MOMO Design using Crocs-like material. They are comfortable, light, portable and extremely user-friendly.

The corresponding WAVi software interprets the data distilling into actionable insights and meaningful reports, that can be read and understood by both the clinician and patient.



User friendly

The WAVi system is easy to use regardless of experience. The system requires just 3 hours of training to be up and running in-clinic.

What can WAVi do for you and your client?

Use WAVi to track changes in the brain

WAVi's reports show objective markers for the brain that allow for accessible, real-time information about brain function.

Use WAVi to establish baseline brain performance and then compare subsequent scans to look for objective changes.

- Pre/ post intervention
- Year over year assessments
- Sports: pre-season assessment in the case of concussive research testing
- Research and product validation



Personalized care

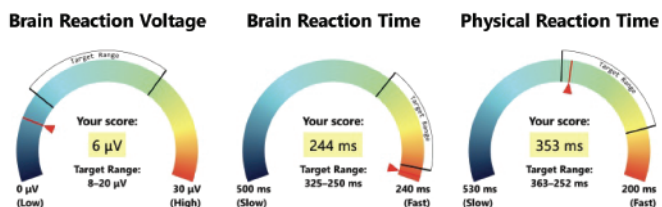
EEG is like a fingerprint of your brain, providing truly personalized data.

WAVi Wellness Basic Report
 Z-PATIENT, Concussion Typical - Male, 11/7/1994 - ID: N/A - Generated: 12/18/2020 1:54 PM

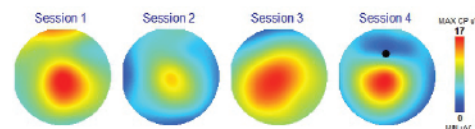
Performance Assessments					
Physical Reaction Time	N/A	252 (±34) ms	229 (±39) ms	209 (±28) ms	267-385 ms
Trail Making Test A	N/A	N/A	N/A	N/A	39-66 sec
Trail Making Test B	N/A	N/A	N/A	N/A	51-100 sec
Evoked Potentials					
Audio P300 Delay	256 ms	272 ms	324 ms	272 ms	248-323 ms
Test/Retest Change	-	16 ms	68 ms	16 ms	±11 ms
Audio P300 Voltage	18.8 µV	12.2 µV	15.8 µV	16.6 µV	9-22 µV
Test/Retest Change	-	-7 µV	-3 µV	-2 µV	±2 µV
State					
C2 Eyes Closed Theta/Beta (Power)	1.3	1.8	1.8	1.5	1.2-2.8
F3/F4 Eyes Closed Alpha (Magnitude)	1.5	1.3	0.9	1.3	0.9-1.1
Peak Frequency (7.0-13.0 Hz)					
Frontal	10.0 Hz	10.0 Hz	10.0 Hz	10.5 Hz	8.6-10.6 Hz
Test/Retest Change	-	0.0 Hz	0.0 Hz	0.5 Hz	±0.2 Hz
Central/Parietal	10.5 Hz	10.4 Hz	10.5 Hz	10.4 Hz	8.9-10.9 Hz
Test/Retest Change	-	-0.1 Hz	0.0 Hz	-0.1 Hz	±0.2 Hz
Occipital	11.0 Hz	10.8 Hz	10.8 Hz	10.5 Hz	8.9-10.9 Hz
Test/Retest Change	-	-0.2 Hz	-0.2 Hz	-0.5 Hz	±0.2 Hz

Maximum P300 Test Depth (µV) - Range: 240-500 ms - Topo scale referenced to Session 4
 BLACK DOTS INDICATE LOCATIONS WITH LESS THAN 20 CLEAN P300 RARE RESPONSES. TOPO COLORS AROUND DOTS MAY BE AFFECTED.

WAVi reporting



WAVi is non-invasive, safe, and HIPAA compliant.



"WAVi has allowed us to objectively measure brain function in patients. The result is improved patient care, patient satisfaction & expanded program development."

-Dr. Sunny Kim, Non-Surgical Pain Management Solution Specialist

The WAVi platform

Desktop software templates

Behavioral, concussion, performance with HRV and wellness session templates

Desktop software protocols'

P300 Eyes-Closed 4 Min
Baseline Eyes-Closed 4 Min
Baseline Eyes-Open 4 Min
Flanker Test
Trail Making Test A
Trail Making Test B
Baseline Eyes-Closed 1 Min (HRV)
Tracking Eyes-Open 1 min (HRV)

Reports

Flexible reporting with advanced options and 9 report templates

Assessments

The Mini Mental State Examination (MMSE)
Geriatric Depression Scale (GDS)
Adult ADHD Self-Report (ASRS-v1.1) Symptom Checklist
The Patient Health Questionnaire (PHQ - 9)
Hamilton Anxiety Rating Scale (HAM-A)
Sports Assessment Concussion Tool (SCAT 3 & 5)
The MoCA Test
Modified Hoehn and Yahr Scale
Child ADHD Symptom Checklist (DSM-5)
Bipolar Spectrum Diagnostic Scale (BSDS)



Disclaimer: The WAVi Headset is FDA cleared for use in routine clinical and research settings where rapid placement of a number of EEG electrodes is desired. The WAVi Desktop software is provided as a service for use in clinical and research settings where a combination of research-EEG with evoked responses and public domain assessment tools is desired. WAVi reports have not been evaluated by the FDA and are provided for research, education, and information. WAVi makes no warranty as to the accuracy of the screening and assessment tools. (v. 1.2.1)