ESTABLISH YOUR WAVI BASELINE IN AS LITTLE AS 4 MINUTES

TRACK CHANGES THROUGH INJURIES, AGING, LIFESTYLE AND BEHAVIORAL IMPACTS

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wavimedical

"In bringing the best of medicine and technology to my patients, WAVi provides the objective measurements I need to assess their brain function in every step of their treatment and recovery."

-Dr. Marcela Madera
Integrative Neurosurgeon

"What I love about WAVi is you can sit down with a patient, real-time, and explain to them with their results, as a dashboard, what is going on in their brain."

-Dr. Davis W Brockenshire
Doctor of Chiropractic

wavimed.com

TAKE CARE OF YOUR BRAIN

TRACK YOUR RESULTS OVER TIME

How WAVi Works

WAVi takes complicated brain information and makes it accessible; distilling it into actionable insights and understandable metrics.

WAVi uses EEG technology that records an electrical signature of the brain and P300 ERP tests that measure the brain's reaction to a stimulus such as a sound or image. ERP tests yield high resolution measures of brain speed (down to the milisecond).

ERPs used by WAVi are well established metrics and have been involved in numerous clinical research studies over the last several decades; having been shown to be informative biomedical markers relating to a wide range of brain states and traits.

What do WAVi results mean?

Similar to routine measures such as blood pressure or heart rate the WAVi test provides objective information about how your body and brain are performing.

This test includes measures of brain speed, brain wave power, and reaction time. Understanding these measurements and tracking them over time can help answer questions such as:

-How is my brain changing as I age?

-How can I improve my brain performance?

-What, if any, impact are treatments and interventions having on my brain?

-How do my brain metrics relate to my mental health?

How can WAVi help me?

Tracking your brain performance means taking care of your brain. Establishing the baseline of what your brain performance looks like now is an important first step.

Like all organs in your body, your brain changes over time and it's best to track these changes regularly and objectively. Regular tracking enables you and your practitioner to better manage potential cognitive decline, traumatic events, unexpected health circumstances and lifestyle changes. You can then benefit from personalized treatment programs and improved care.

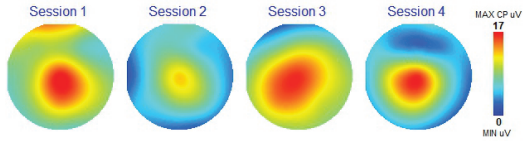
WAVi Wellness Basic Report

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

Performance Assessments					
Physical Reaction Time	212 (±34) ms	252 (±34) ms	229 (±39) ms	209 (±28) ms	267–385 ms
Trail Making Test A	52 sec	67 sec	59 sec	49 sec	39–66 sec
Trail Making Test B	103 sec	123 sec	106 sec	77 sec	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					
CZ 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.



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