

OBJECTIVE COGNITIVE EVALUATION

The NeuroCatch® Platform is an industry-leading medical device that offers an objective evaluation of cognitive function, which is delivered in minutes at the point of care.^[1]



WHO DOES NEUROCATCH® HELP?

- Healthcare practitioners to evaluate the cognitive brain function of their clients
- Researchers to acquire an objective neurophysiological measure of cognitive processing
- Peak performers to optimize their brain health and achieve maximum overall performance

WHAT HEALTH AREAS DOES NEUROCATCH® APPLY TO?

BRAIN INJURIES

Brain injuries result from any type of brain damage.

NEUROLOGICAL DISEASES

Neurological diseases involve the central and peripheral nervous system.

MENTAL HEALTH

Mental health involves a person's thinking, feeling, behavior and mood.

BRAIN OPTIMIZATION

Peak performance sought by athletes, executives, military personnel and others.

INTENDED USE

The NeuroCatch® Platform is intended for the elicitation, acquisition, analysis, storage, reporting, and management of electroencephalograph (EEG) and event-related potential (ERP) information to aid in assessment of cognitive function of an individual.

WHAT DOES NEUROCATCH® DO?

NeuroCatch® conducts a rapid 6-minute scan to measure and report on cognitive brain function. It produces a report immediately after the scan to display information on three different brain responses, also known as event-related potentials (ERPs). The ERPs are termed the ABCs of NeuroCatch®:



A (N100)
B (P300)
C (N400)

N100

AUDITORY SENSATION

P300

BASIC ATTENTION

N400

COGNITIVE PROCESSING

KEY FEATURES OF NEUROCATCH®

 <p>An innovative EPIO™ Adapter^[2] providing 10-15x improvement in temporal precision and sensitivity^[3]</p>	 <p>Real-time access to much anticipated radar plots, providing comprehensive normative data displays</p>	 <p>A novel Brain Response Variability measurement that is a game-changer in neuro-focused patient treatment and research</p>
 <p>Rapid, objective and physiological cognitive reporting, providing sensitive digital measures of cognitive function</p>	 <p>A deployable digital health technology that can be applied at any point of care where professional healthcare and clinical research are conducted</p>	 <p>Significantly enhanced sensitivity and precision, overcoming the variability in inconsistent cognitive assessments^[3]</p>



NOTES:

1. The NeuroCatch® Platform is a medical device registered with the FDA. FDA Device Listing: D476519.

2. EPIO™ – Evoked Potential Input/Output.

3. Hill, N. J., Mooney, S., & Prusky, G. T. (2021). audiomath: A neuroscientist's sound toolkit. Heliyon, 7(2), e06236. doi.org/10.1016/j.heliyon.2021.e06236



CONTACT US / BOOK A DEMO

For more information about NeuroCatch® or to book a demo, visit the NeuroCatch Inc. website at www.neurocatch.com.

