

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.

FOR HEALTHCARE

Powered by our new Evoked Potential Input/Output (EPIo)™ technology, the NeuroCatch® Platform provides an automated, standardized, and instant report with embedded data quality checks. NeuroCatch® allows for results evaluation and easy integration into any cognitive brain health evaluation.



WHY USE THE NEUROCATCH® PLATFORM?

A deployable digital health technology, NeuroCatch® allows healthcare practitioners to easily perform an objective cognitive assessment on their clients at any point of care in 10 to 30 minutes, with the test taking only 6 minutes. In this time, results from the NeuroCatch® report can help guide clinical decision-making throughout the care continuum.

The fully automated process of NeuroCatch® creates repeatable evaluations, allowing clinicians to sensitively monitor significant changes over time. Whether measuring cognitive effects of disease, trauma, treatment or performance improvement exercises, NeuroCatch® is an invaluable cognitive measurement tool that can help make clinical and therapeutic decisions based on enhanced cognitive evaluation capabilities.



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.

HOW NEUROCATCH® WORKS

NeuroCatch® conducts a rapid 6-minute scan to measure and report on cognitive brain function. It produces a NeuroCatch® report immediately after the scan to display information on three different ERP brain responses. These responses form the ABCs of NeuroCatch®:

- **AUDITORY SENSATION [N100]**
- **BASIC ATTENTION [P300]**
- **COGNITIVE PROCESSING [N400]**

The NeuroCatch® report provides both the healthcare practitioner and the client with a user-friendly summary of the quantified results and scores.



HOW DO I USE IT?

WHAT TYPE OF CLIENT IS APPROPRIATE FOR A NEUROCATCH® SCAN?

NeuroCatch® gives healthcare practitioners working with broad populations the ability to accurately measure the cognitive brain function of their clients at the point of care. It can be used to monitor healthy brain function, and to aid practitioners in individual evaluation of brain injuries (e.g., concussion), neurological disorders (e.g., dementia), and mental health conditions (e.g., post-traumatic stress disorder), whenever there are concerns involving the sensitive detection of changes in cognitive function.

WHEN IS IT APPROPRIATE TO SCAN A CLIENT?

For practitioners providing treatment programs, NeuroCatch® scans can be completed at the beginning and end of treatment, with periodic scans in between to track client progress. NeuroCatch® scans can also be utilized to analyze current cognitive brain function.

CAN THE NEUROCATCH® REPORT HELP GUIDE TREATMENT?

NeuroCatch® provides the treating clinician with objective data on brain function to aid in detecting cognitive changes in the brain. It can therefore be used as a tool to guide clinical decision-making. Treatment decisions must be based on clinical/medical judgment.

DOES NEUROCATCH® REPLACE MEDICAL IMAGING OR NEURO-PSYCHOLOGICAL TESTING?

NeuroCatch® provides an objective and rapid assessment of cognitive brain function and is recommended to be used in conjunction with other medical imaging or neuro-psychological testing. It does not replace other testing, but rather improves clinical efficiencies utilizing these important resources. The results of the NeuroCatch® scan are summarized in the NeuroCatch® report that is intended to be an objective part of an overall clinical evaluation.



NeuroCatch® provides an essential objective physiological benchmark to help support existing behavioural cognitive assessments. It differs from traditional cognitive assessments by providing a rapid (6-minute), objective, quantifiable measure of direct neurophysiological responses. Results of the scan are immediately provided in an easy-to-understand NeuroCatch® report.

As cognitive assessments of this quality and objectivity have rarely existed outside of a laboratory setting, NeuroCatch® provides practitioners a way to address the adage of “you can’t treat what you can’t measure” at the point of care.

NeuroCatch® is currently used as an assessment tool and/or a part of treatment programs for concussion and brain injury, dementia and neurological diseases, aging, PTSD and mental health, as well as athletic/executive brain performance and human optimization.



CONTACT US / BOOK A DEMO

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

