

ABOUT THE NEUROCOGNITIVE & BEHAVIORAL INSTITUTE

Established in 1998, The NeuroCognitive and Behavioral Institute is committed to its scientist-practitioner model. We are actively involved in neuroscience research integrating the latest scientific developments into clinical practice. Over the past three decades, NCBI has become one of the premiere centers in the nation offering clinical services on our virtual interactive clinical platform allowing us to provide assessment and treatment services via telehealth. We are among the country's leader in the accurate diagnosis and treatment of cognitive and related neurobehavioral and neuropsychiatric disorders. Our team consists of clinical neuropsychologists and cognitive neuroscientists, behavioral neurologists, clinical psychologists, psychiatric mental health nurse practitioners and physician assistants, cognitive and speech and language therapists as well as behaviorists (BCBAs), psychotherapists, neuromodulation and neurodiagnostic technicians.

We are licensed and credentialed in multiple states. For in-clinic procedures such as brain mapping and neuromodulation we have clinics in New Jersey and North Carolina.

We are in-network providers with most healthcare insurance including Medicaid, Medicare and commercial insurances.

Visit <https://neuroci.com/in-network-providers> to view the healthcare plans and states that we participate as in-network providers.

For additional information on these and other recently developed diagnostic tests and treatment interventions, please call The NeuroCognitive & Behavioral Institute and schedule a consultation.

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REGISTER



THE NEUROCOGNITIVE & BEHAVIORAL INSTITUTE

Integrating Science with Practice

ADHD | Autism | Brain Injury | Cognitive Impairment | Mood and Behavioral Disorders

NEUROSTATION™

A COMPREHENSIVE NEURODIAGNOSTIC PLATFORM

THE CORTICAL FUNCTIONAL ASSESSMENT: VERTICAL 1

This is the first diagnostic vertical of the NeuroStation™ platform.



Clinical data from each patient's medical history, diagnostic studies, current and past treatments as well as the results from each patient's neurobehavioral and neuropsychiatric exams are entered into the cortical functional assessment vertical.

The artificial intelligence (AI) software created by researchers at NCBI generates various cortical

hypotheses and diagnostic possibilities based on an analysis of the clinical data that was entered into this diagnostic vertical. These results are reviewed and a final diagnosis is made by a clinical neuro-psychologist or behavioral neurologist.

NEUROIMAGING ASSESSMENT: VERTICAL 2

This is the second neurodiagnostic vertical on the NeuroStation™ platform. The cortical and subcortical dysfunction hypotheses generated by the first diagnostic vertical is confirmed or disconfirmed via various forms of neuroimaging.

The types of neuroimaging assessments used at NCBI include:

- Structural brain MRIs (sMRI)
- Normative-based referenced volumetric brain MRIs (vMRI)
- Brain mapping with resting-state functional brain MRIs (fMRI) and;
- Brain mapping with resting-state and active electrical neuroimaging
- Molecular imaging



The neuroanatomical regions and networks confirmed by neuroimaging are targeted for treatment.

PREDICTIONS: VERTICAL 3

This vertical assesses where microscopic pathogenic cells may reside using AI to predict the location of these malignant cells.



NEUROSIMULATION: VERTICAL 4



Using neurosimulation software created by researchers at NCBI, this vertical simulates the effects of psychotropic medication and neuromodulation on the target regions of the brain before administering any treatments.