Understanding your brain

The NeuralScan System is a combined hardware and software system that utilizes a 21-channel EEG, SpO2/PPG, and a 3-lead ECG.

At its root, the NeuralScan System mimics a "lab test" for the brain that can be performed in a patient's home to asses potential cognitive disorders.

Contact us today to see how your family's health can be enhanced by the **Neural**Scan System

NeuralScan

- Having trouble with sleep, anxiety, depression or memory loss?
- Having trouble paying attention?
- Suspect early steps of dementia?

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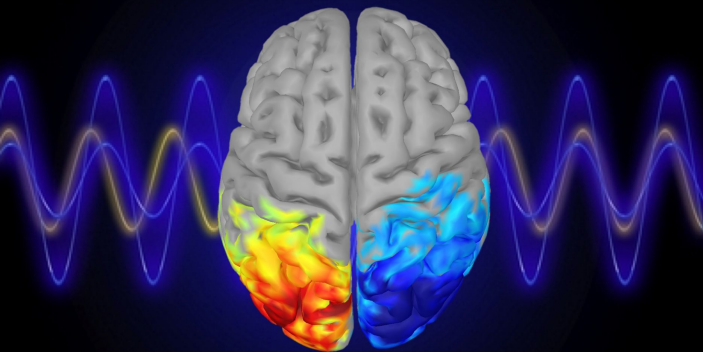1355 Remington Road, Suite B, Schaumburg, IL 60173

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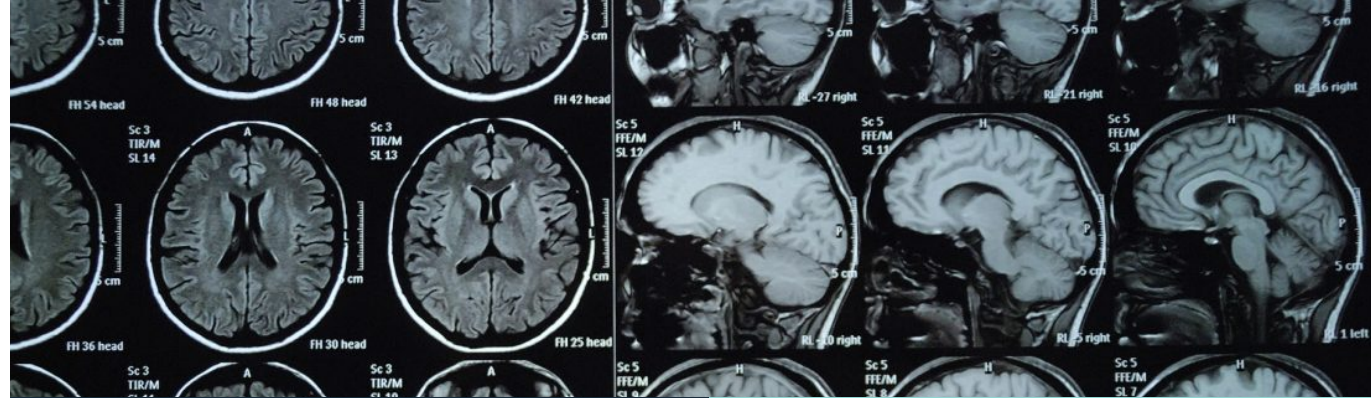
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The **Neural**Scan System

The **Neural**Scan system is a state-of-the-art hardware and software system that also allows for brain training and improved cognition using electroencephalography (EEG) and electrocardiography (ECG).

The test takes **25 minutes**, so it is perfect for physicians caring for patients with symptoms of memory loss. **Neural**Scan assists the physician with evaluating patient conditions and changes to the treatment plan. The system utilizes 21 sensors over the entire scalp **non-invasively**, allowing for accurate LORETA source localization imaging of areas within the brain. This can help determine the source of patient symptoms, as well as potential targeted treatments.

NeuralScan's mission is to improve the diagnosis and treatment of cognitive disorders.

How it can help you

- Detects declines in memory markers 15 years prior to the manifestation of symptoms
- Detects head injuries that aCT orMRI may be unable to detect
- Quick and easy functional assessment in the patient's home
- Uses ANS/HRV, EEG, and ERP as reliable measures for head injury
- Empowers the physician to initiate necessary treatment early
- Allows initiation of effective alternate treatment options

NeuralScan can identify and assess:

- Cognitive functionality
- Normal brain activity after stroke
- Biomarkers associated with memory loss and cognitive impairment
- Functionality of the Autonomic Nervous System
- Physiological function associated with memory loss, attention deficit, anxiety, and sleep disorders
- Performing a differential diagnosis of depression vs. dementia

The system can provide valuable information for physicians as they seek to objectively define a patient's response to:

- Pharmacological therapy
- Nutritional supplementation
- Behavioral therapy
- Diet and exercise modifications
- Neurotherapy