

Because your results can't wait



Neuro I

Brain Image Quantitative Analysis System

NEUROZEN

A simple path from data to decision-making

Advances in non-invasive brain imaging technologies allow us to study the brain more extensively than ever. Neuro I Brain Image Quantitative Analysis System gives you the ability to make objective measurements of morphological changes with amazing accuracy. Neuro I uses deep learning technologies to automate labeling, quantification, and visualization of significant structures in the brain from magnetic resonance (MR) images. With longitudinal tracking features, Neuro I allows for the simple, objective, and accurate assessment of even a subtle amount of brain atrophy. Save time, reduce bias, and increase accuracy with Neuro I.



High-performance processing for high-quality data

Efficient, accurate, and robust segmentation of cortical surfaces and subcortical structures are powered by 3D Convolutional Neural Network (CNN) based deep learning algorithms. The sophisticated, easy-to-use software to help clinicians make confident, data-driven decisions.

Clinically relevant data

Neuro I compares a patient's data to a large-scale normative database to provide clinically relevant information.

- Longitudinal, multi-domain data of cognitively normal (CN) Koreans ($n \approx 2,000+$)
- Segmentation data verified manually to ensure accuracy
- Data quality control confirmed by radiology experts

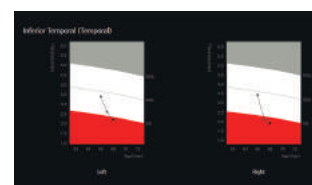
Easy-to-use, intuitive software

Neuro I is cloud-based and runs in a standard browser. Simply upload your images and Neuro I will automatically process, analyze, and organize your data into a streamlined report.

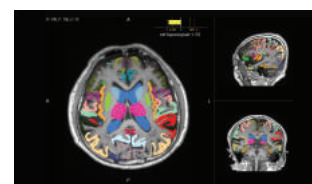
- Measurements of cortical surface thickness, subcortical structure volumes, and statistical comparisons with a normative database
- Longitudinal tracking of morphological changes

Security safeguarded

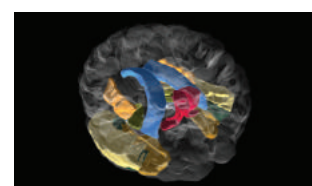
- User access control
- Encrypted data transfer and storage



Longitudinal tracking



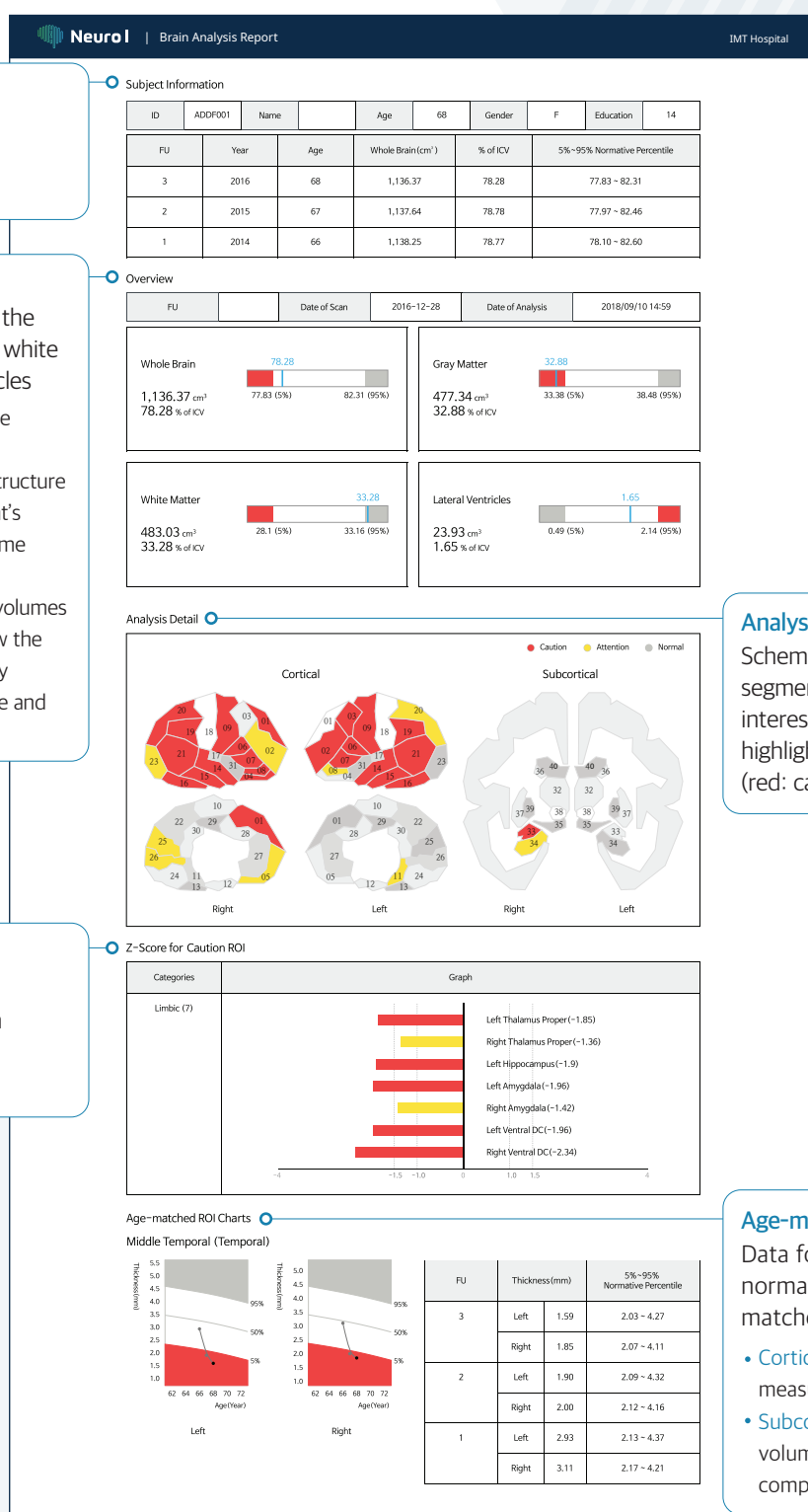
MRI viewer



3D viewer

Automatically generated reports with MRI quantification data

Upload DICOM MRI data to Neuro I for automatic analysis. The results are displayed in an intuitive, easy-to-use interface and reports are automatically generated in PDF format for both physicians and patients. Data can also be exported as CSV files for further evaluation.



COMING SOON



NeuroAI

Clinical Decision Support System



NeuroAI is a clinical decision support system to help standardize the interpretation of neuroimaging data to predict, diagnose, and monitor Alzheimer's disease (AD). NeuroAI increases diagnostic accuracy and disease characterization by measuring cortical thickness as well as subcortical volumes. A patient's data is age-matched and compared to a longitudinal, multi-domain normative database of CN, MCI, and AD Korean adults to support physicians in making meaningful clinical diagnoses for better disease treatment and management.

Find out more at **neurozen.ai**

The Neuro I Brain Image Quantitative Analysis System is a Class II medical device approved by the South Korean Ministry of Food and Drug Safety (MFDS) and registered with the Thai Food and Drug Administration (FDA). Neuro I is not Intended for the primary interpretation of digital MR images. Patient management decisions should not be made based solely on the results of Neuro I analysis. Neurozen Co. is not liable for the use or handling of the results or any consequential, special, indirect, or incidental damages.

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