

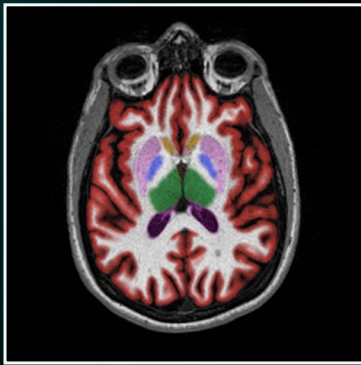
NeuroQuant®

Atrophy, quantified



Automated Quantitative MRI Analysis

NeuroQuant® Color-Coded Segmentation:



Key Features:

Dynamic Atlas™

Personalized segmentation from deep learning driven model for advanced precision for ages 3-100.

- Accurate and consistent brain segmentation in all subjects, independent of age and sex
- Visualize data for multiple prior datapoints

Normative Database

The Cortechs.ai Normative Database reduces atrophy subjectivity by allowing NeuroQuant® to compare patient volumetrics to age and gender based normative data.

- Most robust database available for clinical use
- Data is built from thousands of healthy subjects of multiple ethnicities
- Trained and validated on a wide range of scanner protocols, field strengths, and patient demographics, including age, gender, and race



Best-in-Class Automated Brain Segmentation and Volumetric Analysis

- Seamlessly integrate advanced volumetrics into your radiology reports for smarter, faster diagnostics through our DICOM Structured Report output
- Brain volumes compared to normative populations for ages 3 to 100 years
- Elevate monitoring and evaluation of disease progression with longitudinal tracking
- Multiple clinically-focused reports provide precise and detailed volumetric data for the clinical assessment of brain disorders
- Visualize brain segmentation with color-coded overlays that make interpretation faster, clearer, and more intuitive
- Choose dark background reports for comfortable review in radiology reading rooms

Cortechs.ai

NeuroQuant® Reporting Options

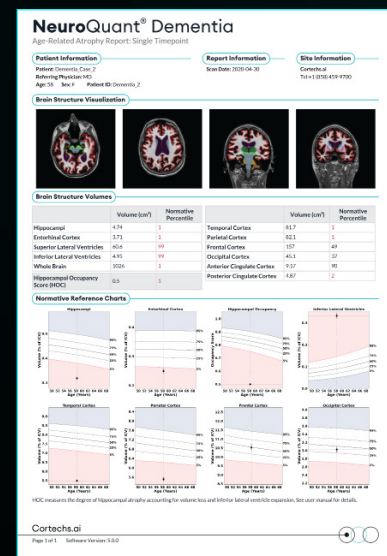
3D T1 NeuroQuant Reports:

- Dementia: Age-Related Atrophy**
 Hippocampal, lateral ventricle volume, and entorhinal cortex measurements compared to age and sex-matched norms.
- Seizure: Hippocampal Asymmetry**
 Hippocampal volume left/right asymmetry measurements compared to age and sex-matched norms.
- MSA: Multi-Structure Atrophy**
 2-page report providing volumes of the whole brain, white and gray matter, thalamus and more compared to age and sex-matched norms.
- Pediatrics: Brain Development**
 Intracranial volume, whole brain volume, forebrain parenchyma, total ventricles, cerebral white matter, cerebellar, and total lobe volumes compared to age and sex-matched norms.
- TBA: Total Brain Atrophy**
 Global view of multiple volume measurements compared to age and sex-matched norms sorted by lobe.

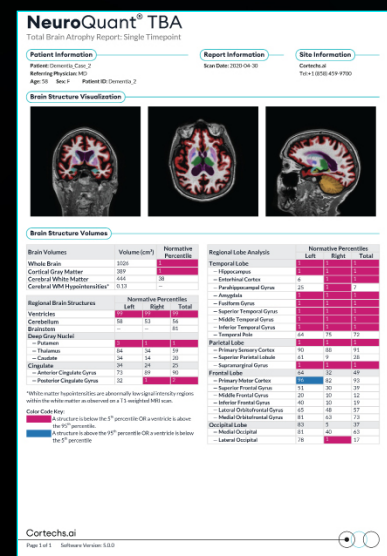
3D T1 & FLAIR NeuroQuant Reports:

- Multiple Sclerosis**
 NeuroQuant MS enhances radiology workflows by automatically labeling and visualizing changes in multiple sclerosis lesions, improving detection, progression, and analysis.
- Microvascular Ischemic Disease**
 NeuroQuant MVID report segments and quantifies total hyperintensity volume burden and automates a Fazekas score.

NeuroQuant® MSA Report: Single-Timepoint



NeuroQuant® TBA Report: Single-Timepoint



Trusted by experts

"NeuroQuant® is the clinical gold standard for MRI brain volume measurement."

Dr. David E. Ross, MD
 Director, Virginia Institute of
 Neuropsychiatry

"Utilizing NeuroQuant® in our health system has provided invaluable information which strengthens reader confidence and leads to improved patient care."

Ana M. Franceschi, MD, PhD
 Lenox Hill Hospital

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