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CORTECHS Labs

NeuroQuant

Atrophy, Quantified.

Fast, Accurate, and Proven Automated Quantitative MRI Analysis

- ✓ Multiple curated volumetric reports provide detailed and precise neurodegeneration data for the clinical assessment of brain disorders
- ✓ Quantitative volume measurements aid physicians in clinical assessment
- ✓ Elevate monitoring and evaluation of disease progression with longitudinal tracking
- ✓ Unique Dynamic Atlas provides personalized segmentation through advanced precision technology
- ✓ Brain volume results compared to healthy normative populations for ages 3 to 100 years
- ✓ Easy to interpret heat map overlay provides high-resolution images for detecting subtle changes between two 3D T1 scans in ventricle expansion, tissue atrophy, and swelling
- ✓ Choose dark background reports for comfortable review in radiology reading rooms
- ✓ Option available to export a comprehensive spreadsheet with over 1200 data points for research and big data analytics
- ✓ Secure, multi-level user features with enhanced processing log and compatibility reports
- ✓ The first FDA cleared, CE marked, and Health Canada, Korea and Australia licensed quantitative analysis solution



Hippocampal Asymmetry

Hippocampal volume left/right asymmetry measurements compared to age and sex-matched norms

Clinical assessment: Temporal lobe epilepsy, hippocampal sclerosis and unilateral degenerative conditions



Triage Brain Atrophy

Global view of multiple volume measurements compared to age and sex-matched norms sorted by lobe

Clinical assessment: Overview of multiple brain regions, lobes, and structures for traumatic brain injury and neurodegenerative conditions



Age Related Atrophy

Hippocampal and lateral ventricle volume measurements compared to age and sex-matched norms

Clinical assessment: Alzheimer's disease, dementias, and other neurodegenerative conditions



Multi Structure Atrophy

A 2-page report providing volumes of the whole brain, white and gray matter, thalamus and more compared to age and sex-matched norms

Clinical assessment: Multiple sclerosis and other neurodegenerative conditions



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.

Clinical assessment: Whole brain assessment of brain development for ages 3 years and up

