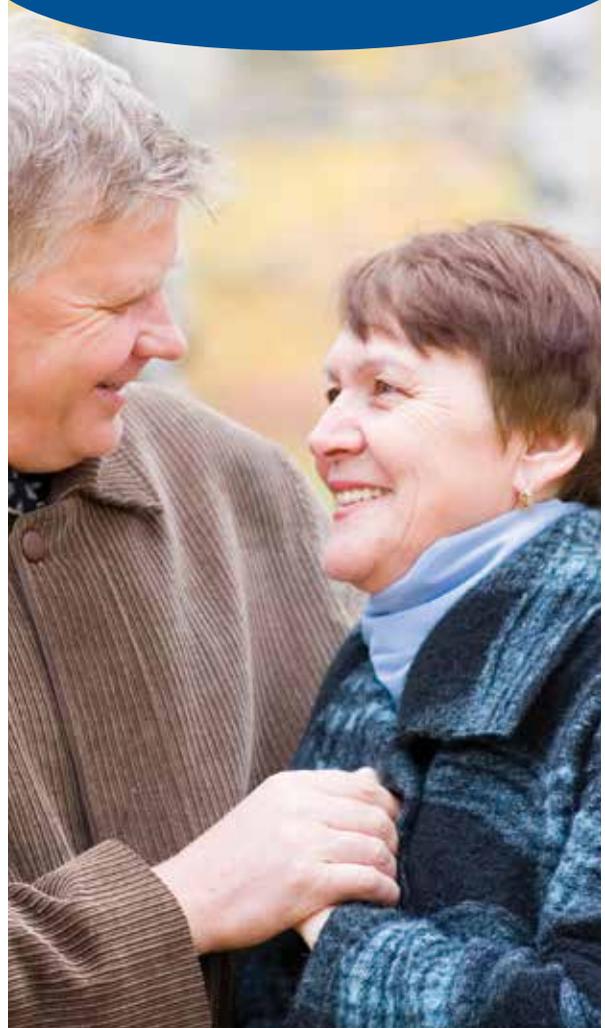




NEUROQUANT®
EARLY DIAGNOSIS
for MEMORY LOSS



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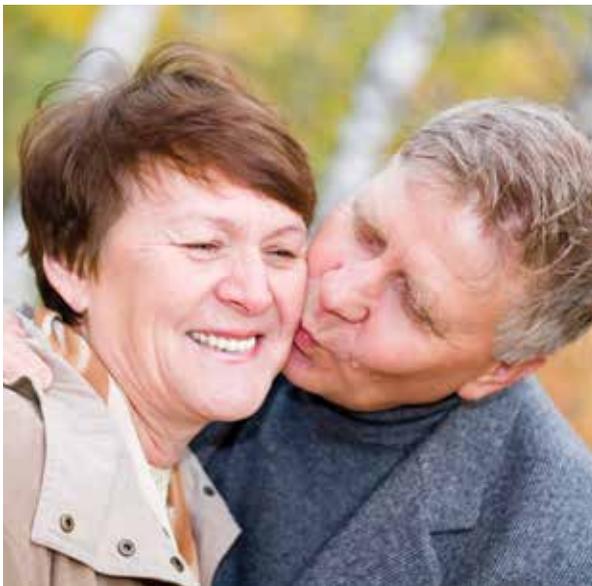


BRAIN ATROPHY, QUANTIFIED.

Neurodegeneration is a hallmark sign of Alzheimer's, epilepsy, multiple sclerosis, traumatic brain injury and a host of other serious brain illnesses. Until now, brain MRI has been limited in its assessment of neurodegeneration, often reading a brain as normal even when signs of disease are present.

NeuroQuant® is the first FDA-cleared and CE-marked solution to quantify the volume of certain brain structures, comparing them to corresponding normal values of patients the same age, gender and cranial volume.

Five volumetric reports provide objective data so physicians can detect and measure changes in brain anatomy – the key step in evaluating whether a patient is aging normally or experiencing the early stages of disease.



HOW DOES NEUROQUANT® SOFTWARE WORK?

NeuroQuant takes the 3D T1-weighted sagittal, non-contrast-enhanced MRI image then automatically identifies and segments multiple brain structures. It measures their volumes and compares these to a normative database adjusted for age (3 to 100 years), gender and cranial volume.

WHAT DOES NEUROQUANT® REPORT?

The volumetric reports include quantitative data on: 1) age-related atrophy, 2) hippocampal volume asymmetry, 3) multi-structure atrophy, 4) triage brain atrophy, 5) brain development, 6) general morphometry, and 7) longitudinal studies.

All reports are interpreted by a board-certified neuroradiologist with 25+ years of experience.

WHAT ARE THE MAIN BENEFITS?

NeuroQuant® can help physicians evaluate if there is volume change of certain brain structures. (Atrophy of the hippocampus and increased ventricles are commonly seen in Alzheimer's and other neurodegenerative disorders.)

In cases where Alzheimer's is suspected, NeuroQuant® can be used for ongoing tracking by taking an initial measurement, then comparing it to a follow-up measurement (taken at a later date) to see if the brain structure volume has changed and at what rate.

NeuroQuant® can also help in the evaluation of non-Alzheimer's dementia and to rule out Alzheimer's to focus on other causes of memory loss.

