

# M1 Imaging Center Introduces NeuroQuant for Brain Injuries and Conditions

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**M1 Imaging offers several types of MRIs for patient care.**

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Berkely-based M1 Imaging Center has become the only magnetic resonance imaging (MRI) center in Michigan to offer NeuroQuant brain MRI software, which improves the detection and treatment of dementia, Alzheimer's, disease, traumatic brain injury, multiple sclerosis, and epilepsy.

When a patient indicates memory loss, sleeplessness, forgetfulness, anxiety, or other symptoms affiliated with a brain injury, an MRI combined with NeuroQuant provides quantitative measurements to offer a clear picture of their situation.

NeuroQuant precisely measures brain atrophy by measuring the hippocampus and other brain structures that usually shrink when a patient has certain conditions affecting the brain. Physicians use NeuroQuant reports and other clinical impressions to strengthen their diagnoses and prognosis. Objective data provides a clearer picture of volume loss on the brain, so treatment plans can be developed and neurodegeneration can sometimes be caught in early stages.

“Diagnosing brain injury is so important because one brain injury compounds the likelihood of future neurodegeneration,” says Joshua Katke, chief administrator officer and CEO of M1 Imaging.

“Whether it’s a concussion sustained during a school sport event or an impact from a car accident, mild injury to the brain is incredibly hard to detect without the right technology.

“Repetitive concussions or brain injuries increases the likelihood that a person will eventually develop Alzheimer’s or other neurodegenerative conditions — which is why we must get on top of the situation as soon as it happens to determine treatment and minimize repeat injury.”

Additionally, a MRI can determine the reason behind persistent symptoms that worsen over time, including those associated with aging, dementia, and brain injuries, including concussions.

“Adding NeuroQuant to our MRI toolbox fits perfectly with how we view imaging and health care today,” adds Katke. “We created M1 in 2014 with a vision for providing a comfortable, outpatient setting with the best MRI technology available in the state. We can’t have true health until we understand clearly what’s going on behind a person’s symptoms.”

M1 Imaging has additional locations in Warren and Livonia and accepts most insurance. More information can be found [here](#).