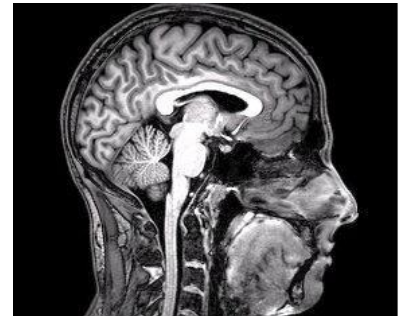


## **Announcing a New Research Study to: Evaluate Brain Structure and Function in Myotonic Dystrophy Type 2**

Researchers at Wake Forest Baptist Health Sciences, Winston Salem, North Carolina, are interested in learning more about how to measure brain structure, and brain-based symptoms such as problems with thinking, memory, motivation, emotions, and sleep in people diagnosed with myotonic dystrophy type 2 (DM2). The purpose of the study is to find the best way to measure how the brain structure and functions are impacted by myotonic dystrophy type 2. This information is also needed to plan future studies to determine how this condition changes over time and to test treatments for myotonic dystrophy.

### **You may be eligible to participate if:**

- You are 40 and above
- You have been diagnosed with myotonic dystrophy type 2
- You have **no** history of **active** psychiatric, dementia, and other neurological disorders
- You can walk independently (cane and/or walker are permitted)
- You do not have certain kinds of metal implantation in your body, such as a pacemaker or defibrillator, a metal plate, certain types of heart valves, or brain aneurysm clips, which prevent you to have MRI.
- You are not pregnant.



This research study involves one full-day visit or two half-day visits to Wake Forest Baptist Medical Center in Winston Salem, North Carolina. We are located approximately 1.5-hour drive from Charlotte and Raleigh/Durham area, 2-hour drive from Southern Virginia and West Virginia, and 3-hour drive from Eastern Tennessee and South Carolina. The study includes assessments already used in clinical practice as a standard of care. These assessments will consist of brain MRI, magnetoencephalogram (MEG) to record brain wave activities, neuropsychological testing (a way to measure cognitive and memory function), muscle strength testing, a series of questionnaires about participation in daily activities, quality of life, sleep, fatigue, and pain. Participants will be compensated for their time and travel.



If you would like more information about the study and how you can be involved, please contact the study coordinator, Carolina Burgos at 336-713-2603, Monday to Friday 9 am to 5 pm or at [caguilar@wakehealth.edu](mailto:caguilar@wakehealth.edu)

This study is sponsored by the Wake Forest Neuroscience Clinical Trials and Innovation Center. The Principal Investigator of the study is Dr. Araya Puwanant at the Wake Forest Baptist Health Sciences.