



Information About the Brain Insulin Resistance Study

Study Title: Assessment of Brain Insulin Resistance in Alzheimer's Disease Using Insulin Clamp

Study Investigators: Steven E. Arnold MD (Principal Investigator) and Aaron M. Koenig MD (Co-Investigator)

This flyer contains information about a research study being conducted by Drs. Arnold and Koenig at the MassGeneral Institute for Neurodegenerative Disease (MIND). Participation in this study is completely voluntary. Whether or not you choose to participate will have no effect on the medical care you receive from anyone at Massachusetts General Hospital. Drs. Arnold and Koenig are looking for volunteers:

- between the ages of 55-85**
- able to have an MRI scan**
- interested in participating in research**

The study is designed to understand how the brains of people with Alzheimer's Disease respond to high insulin levels. Previous research has shown that the brains of people with Alzheimer's Disease may be "resistant" to insulin. Findings from this study will help expand our understanding of Alzheimer's Disease, and may even help us learn about new ways to prevent or treat the disease.

You may be eligible for this study if you are a healthy older adult who has never been diagnosed with a memory problem, or if you have been diagnosed with Mild Cognitive Impairment (MCI) or Dementia due to Alzheimer's Disease.

Participation involves three visits to MGH's campus in the Charlestown Navy Yard, and each visit lasts about 4 hours. There is no cost to you to participate in this study, and if you complete the study you will receive \$230 for your time. The study will also pay for your parking and provide meal vouchers that can be redeemed in the cafeteria.

If you would like to learn more about the study, please contact the study coordinator, Chase Wennick, at (617) 726-1259.