



## WHAT IS THE PURPOSE OF THE STUDY?

We want to understand how Alzheimer's disease affects the brain's electrical activity, and how changes in the brain's electrical activity affect the progression of Alzheimer's disease. We will compare measurements of your brain's electrical activity with imaging studies that measure your brain's structure and function.



## AM I ELIGIBLE?

You may qualify for this study if you are 50 to 90 years old, have a diagnosis of amnesic mild cognitive impairment or mild dementia from Alzheimer's Disease, and have no history of brain injury.



## WHY IS THIS IMPORTANT?

This study may help us find:

- New ways to diagnose Alzheimer's
- New ways to understand how Alzheimer's disease progresses
- New treatments for Alzheimer's



## WHAT WILL I BE ASKED TO DO?

Our study requires 2-3 visits to MGH, which can be completed in a span of anywhere from 2 days to 6 months.

During this study, you will have:

- An overnight at-home EEG study
- Memory testing (baseline)
- Functional MRI scan
- (Optional) Tau PET scan
- (Optional) Amyloid PET scan
- (Optional) Follow-up memory testing in 1 & 2 years
- (Optional) Longitudinal EEG testing for up to 5 years



## WHAT WILL I GET OUT OF THIS?

- Satisfaction in contributing to the fight against Alzheimer's Disease
- \$50 for overnight at-home EEG
- \$100 for Functional MRI scan
- \$100 for Amyloid PET scan
- \$100 for Tau PET scan
- \$25 for Memory testing (baseline)
- \$50 for Memory testing (1 year)
- \$100 for Memory testing (2 years)
- \$50 per additional EEG test



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FOR MORE INFORMATION ABOUT THIS  
STUDY, PLEASE CONTACT BOTH :

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RESEARCH STUDY:

## Multimodal Investigation of Hyperexcitability in Alzheimer's Disease

Help us understand how  
Alzheimer's Disease affects  
the brain's electrical activity



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