

Do you suffer from a memory decline and deficits?

You are not alone....

- AD is the leading cause of dementia
- AD affects over 5 million people in USA

Would you like to participate in memory study, but live too far from the laboratory or find it difficult to organize transportation?

Home-based MemStim Study

Contact the research team:
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**Why use tACS?
transcranial alternating
current stimulation (tACS)**

- sends safe, non-invasive low-level currents to your brain through your scalp
- may improve memory functioning in older adults

**The
Mem-Stim
Study**



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What is the Mem-Stim Study?

Mem-Stim stands for Memory Stimulation.

What are the study goals?

- To determine if a form of non-invasive brain stimulation (tACS) improves memory in older adults



What is involved if I take part in the Mem-Study?

Participation includes 5 visits in the lab and up to 14 weeks of home-based tACS session

- Eligibility screening interview
- Study Assessment: cognitive memory testing
- Non-invasive brain stimulation (20-minutes sessions per day)
- EEG recording to track the behavior of brain patterns

Compensation

Participation is paid up to \$350 for 5 lab visits and up to 14 weeks (20 min each) of home-based tACS.

Who can participate in the study?

- older adults diagnosed with memory deficits and participant's caregiver/spouse willing to learn and administer home-based tACS

Benefits

Past studies have shown promise in using non-invasive brain stimulation as a tool to improve memory and thinking.

Your participation may advance our understanding of tACS for these purposes.



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