



Recruiting for a Research Study

Study Title: Testing High Definition transcranial Direct Current Stimulation (HD-tDCS) as Treatment of Mild Cognitive Impairment

Short Title: Stimulation to Improve Memory (STIM)

Principal Investigator: Dr. Benjamin M. Hampstead

What is this study about?

To evaluate a form of brain stimulation called transcranial direct current stimulation (tDCS) and test whether it:

- Changes the way different brain regions communicate
- Improves memory and thinking abilities

Who may be able to take part?

- Adults age 55+
- English speaking (as the preferred language)
- Official diagnosis of Mild Cognitive Impairment (MCI) or Dementia of the Alzheimer's Type (DAT)
- Stable on medications for at least 4 weeks

Who cannot take part?

- Those with a history of conditions like epilepsy, bipolar disorder, or schizophrenia
- Those with current drug or alcohol abuse or dependence

What will you do in the study?

- Complete up to 9-33 study visits, each lasts 1 to 6 hours
- You will receive up to 30 sessions of tDCS while focusing on old memories
 - You have a 75% chance of receiving “real” tDCS
 - You have a 25% of receiving “fake” tDCS
- Before and after these sessions you will complete up to 3 magnetic resonance imaging (MRI) scans
- You will also complete Positron Emission Tomography (PET) scans

Cost: There is no cost to you. In fact, you will be compensated for your time.

For more information, call our research team at 734-764-6447

We are located at 2101 Commonwealth Blvd, Suite D
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