



## Mild Cognitive Impairment (MCI) clinical trials

Do you have MCI or memory  
difficulties?

The Epworth Centre for Innovation in Mental Health (ECIMH) is investigating the effects of non-invasive electrical brain stimulation on brain activity and cognition over time in people who meet criteria for Mild Cognitive Impairment (MCI).

MCI refers to a decline in memory that does not impact on daily functioning.

## Whose eligible?

-  Men and women, aged 50 - 80 years
-  Meet criteria for MCI
-  Interested in participating

## What's involved?

This study is a 3 year clinical trial. Transcranial Alternating Current Stimulation (tACS) will be self-administered in the comfort of your own home twice per year over 3 years, following comprehensive training by a trained researcher.

Participation will also involve attending our research centre 7 times each year. Collectively, these visits will involve interviews, assessments, cognitive activities, questionnaires, as well as recording brain activity and collecting blood for genetic analysis.

You will be offered yearly reports on the regular cognitive assessments that you undergo throughout the trial.

## What is tACS?

tACS is a form of non-invasive electrical stimulation used to alter brain activity. This is

done via the placement of two electrodes on the scalp that generate electrical currents which can change the rhythm of brain activity. You will be randomly selected to receive either:

- Active stimulation, or
- Placebo (inactive) stimulation

Please feel free to discuss this project with your doctor, family, friends or relatives.



If you'd like to know more, please contact:

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The research has been approved by the ethics committee of The Alfred Hospital (Project Number: 274/18)