

Calling for research study participants



tACS Treatment for Depression in Young Adults

What is tACS?

Transcranial Alternating Current Stimulation (tACS) is a gentle, non-invasive brain stimulation technique which delivers a series of small, pulsed, alternating currents to a targeted region of the brain.

These currents have the potential to alter the behavior of the brain that is affected in depression.



Epworth Centre for Innovation in Mental Health

The Epworth Centre for Innovation in Mental Health (ECIMH) is conducting a clinical trial of Transcranial Alternating Current Stimulation (tACS) as a treatment for depression in young people.

Am I eligible?

You may be eligible for this study if you:

- Have symptoms of/have been diagnosed with depression
- Are between 16 to 30 years of age
- Do not have a psychotic or neurological disorder such as schizophrenia or an acquired brain injury

What's involved in the trial?

1. **Initial assessment** - You'll come to ECIMH over two days for assessments of your depression. If you are suitable for the trial, you will be provided with specific instructions.
2. **Trial period** - For four weeks, during business hours every Monday to Friday, you will be asked to apply tACS for 20 minutes up to two times a day. You can do this at home as tACS can be safely self-administered. You'll need to come to ECIMH every Friday to meet with a study investigator.
3. **Final assessment** - Three months after the trial finishes you'll need to come back to ECIMH for a final assessment. You will receive reimbursement at the end of this assessment.