

Effects of Brain Stimulation on Cognition, Oscillations and GABA Levels in Schizophrenia

NCT04267003

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of California, Davis
Enrollment	160 participants

Plain Language Summary

This study is using transcranial alternating current stimulation (tACS) — a gentle, non-invasive electrical brain stimulation technique — to test whether it can improve thinking and memory in people with schizophrenia by targeting specific brain wave patterns and brain chemicals.

****You may be eligible if:****

- You have a diagnosis of schizophrenia, schizophreniform disorder, or schizoaffective disorder
- Your medications have been stable for at least one month and no changes are expected
- You are an outpatient or in a partial hospital program
- You have a normal IQ (above 70)
- You are able to understand and complete cognitive tasks in English
- Healthy volunteers without schizophrenia are also eligible for comparison

****You may NOT be eligible if:****

- You have a pacemaker, implanted electrical stimulator, or defibrillator
- You are currently taking the antipsychotic clozapine
- You have metal implants in or near the head

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (9)

- Participants must be able to sufficiently speak and understand English so as to be able to understand and complete cognitive tasks.
- All subjects must have the ability to give valid informed consent.
- Diagnosis of schizophrenia, schizophreniform or schizoaffective disorder
- No medication changes in the prior month
- No medication changes anticipated in the upcoming month
- ... and 4 more (see full listing online)

Exclusion (15)

- Pacemakers
- Implanted electrical (brain and spinal) stimulators
- Implanted defibrillator
- Metallic implants
- Skin damage or skin conditions such as eczema at the sites where electrodes will be placed

... and 10 more (see full listing online)

<https://clinicaltrials.gov/study/NCT04267003>

Locations (1 total)

This listing is for informational purposes only and does not constitute medical advice. Always consult your healthcare provider before enrolling in any clinical trial. Information may not be up to date — verify details at [ClinicalTrials.gov](https://clinicaltrials.gov). Generated by [ClinicalTrialsFinder.org](https://clinicaltrialsfinder.org).

