

Developing Transcranial Neuromodulation Protocols for Learning and Decision-Making

NCT06561828

Status	RECRUITING
Phase	Early Phase 1
Sponsor	National Institute on Drug Abuse (NIDA)
Enrollment	600 participants

Key Eligibility Criteria

Inclusion (4)

- In order to be eligible to participate in this study, an individual must meet the following criteria:
- Aged 18-45 years old. Justification: Many neural processes change with age, and these changes could introduce unwanted variability in the measured signals.
- In good general health based on the assessment of the MAI.
- Right-handed.

Exclusion (15)

- Individuals who meet any of the following criteria will be excluded from participation:
- Any neurological disorder that would increase seizure risk from TMS such as stroke, brain lesions, previous neurosurgery, epilepsy, any history of seizure or fainting episode of unknown cause, frequent severe headache, or head trauma resulting in loss of consciousness, lasting over 30 minutes or with sequela lasting longer than one month. The MAI will also retain discretion to exclude based on a history of a neurological illness or trauma that may compromise safety or data integrity.
- Predisposition to seizures (e.g., first-degree family history of potentially hereditary epilepsy, etc.).
- Current use (any use in the past two weeks, daily use for more than one week within past 3 months) of any investigational drug or of any medications with psychotropic (e.g., benzodiazepines, etc.), anti or pro-convulsive action. This will be determined at the discretion of the MAI.
- Unable to undergo MRI or TMS due to certain metallic or magnetic devices or implants in the body, claustrophobia, or other reasons.

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

Locations (1 total)

National Institute on Drug Abuse, Baltimore, Maryland, United States

<https://clinicaltrials.gov/study/NCT06561828>

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