

Neuromodulation and Cognitive Training in Opioid Use Disorder

NCT03773523

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Minnesota
Enrollment	30 participants

Key Eligibility Criteria

Inclusion (3)

- abstinent individuals (18-60 years old; 1-2 weeks of abstinence) who meet DSM-V criteria for opioid use disorder (OUD) will be recruited from the Lodging Plus Program, part of University of Minnesota Medical Center
- This 28-day program provides a supervised environment to treat individuals with OUD in which patients receive random drug screenings. Lodging Plus has 50 beds and admits an average of 20 patients per week and about 50% of patients admitted have a diagnosis of opioid use disorder.
- Ability to provide written consent and comply with study procedures, meet the Diagnostic and Statistical Manual of Mental Disorders (DSM-V) diagnostic criteria for OUD. Subjects may have current comorbid drug use, but their primary substance use disorder diagnosis needs to be based on opioid use. Subjects must have the intention to remain in the Lodging Plus program (4 weeks) until the end of the intervention portion of the study. Vulnerable populations will not be included.

Exclusion (9)

- Any medical condition or treatment with neurological sequelae (i.e. stroke, tumor, loss of consciousness >30 min, HIV)
- A head injury resulting in a skull fracture or a loss of consciousness exceeding 30 minutes (i.e., moderate or severe TBI)
- Any contraindications for tDCS or MRI scanning (tDCS contraindication: history of seizures; MRI contraindications; metal implants, pacemakers or any other implanted electrical device, injury with metal, braces, dental implants, non-removable body piercings, pregnancy, breathing or moving disorder)
- DSM-V criteria for psychiatric disorder, may have a lifetime diagnosis of depression
- Presence of a condition that would render study measures difficult or impossible to administer or interpret
- ... and 4 more (see full listing online)

Locations (1 total)

University of Minnesota, Minneapolis, Minnesota, United States

<https://clinicaltrials.gov/study/NCT03773523>

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