

MPFC Theta Burst Stimulation as a Treatment Tool for Alcohol Use Disorder: Effects on Drinking and Incentive Salience

NCT04998916

Status	RECRUITING
Phase	Not Applicable
Sponsor	Medical University of South Carolina
Enrollment	86 participants

Key Eligibility Criteria

Inclusion (4)

- Age 21-65 (to maximize participation; note: Scalp-to-Cortex distance will be included as a covariate to calculate adjusted TMS dose given expected cortical atrophy in heavy alcohol users and older adults and the demonstrated effect⁵⁰ on TMS-fMRI responses in addiction)
- Alcohol Use Disorder, determined by DSM-V criteria, using the Structured Clinical Interview for DSM-V
- Consumption of more than 14 drinks (women) or 21 drinks (men) per week, with at least 4 heavy drinking days (defined as e 4 drinks for women and e 5 for men) per week during the 30-days prior to enrolling.
- Able to read and understand questionnaires and informed consent.

Exclusion (12)

- Has metal placed above the neck
- Is at elevated risk of seizure (i.e., has a history of seizures, is currently prescribed medications known to lower seizure threshold)
- Has a history of moderate to severe alcohol withdrawal or medicated alcohol withdrawal
- Has a history of claustrophobia
- Has a history of chronic migraines
- ... and 7 more (see full listing online)

Locations (1 total)

Medical University of South Carolina, Charleston, South Carolina, United States