

# Influence of Brain Oscillation-Dependent TMS on Motor Function

NCT03288220

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<b>Status</b>	RECRUITING
<b>Sponsor</b>	National Institute of Neurological Disorders and Stroke (NINDS)
<b>Enrollment</b>	114 participants

## Key Eligibility Criteria

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### Inclusion (15)

- Healthy younger adults:
  - Ages 18 years to less than 50 years. (18 to 49)
  - Willingness/ability to provide informed consent.
  - Ability to induce a motor evoked potential in the muscle target of the upper extremity, as evaluated during the TMS Screening.
  - Healthy older adults:
- ... and 10 more (see full listing online)

### Exclusion (20)

- Healthy younger and older adults:
  - Presence of severe neurological or medical disorder (e.g., Parkinson s disease or multiple sclerosis).
  - History of seizures.
  - Chronic use of antipsychotic drugs (e.g., chlorpromazine or clozapine), tri-cyclic or other anti-depressants, benzodiazepines, or prescription stimulants.
  - TMS contraindications, such as:
- ... and 15 more (see full listing online)

## Locations (1 total)

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National Institutes of Health Clinical Center, Bethesda, Maryland, United States