

Effects of Neuronavigated Theta Burst Stimulation in Therapy of Post-stroke Aphasia

NCT05303649

Status	RECRUITING
Phase	Not Applicable
Sponsor	Institute of Psychiatry and Neurology, Warsaw
Enrollment	45 participants

Key Eligibility Criteria

Inclusion (6)

- First-ever left middle cerebral artery ischemic stroke (brain damage localization confirmed by magnetic resonance imaging, MRI)
- or more months from the onset of stroke
- Non-fluent aphasia (confirmed in the BDAE test) with functional communication difficulties ranging from mild to significant (grades from 2 to 4 in ASRS), marked difficulties in naming, and relatively preserved everyday speech comprehension
- Native Polish speaker
- Right-handedness prior to stroke
- ... and 1 more (see full listing online)

Exclusion (8)

- Psychiatric and/or neurological comorbidity (e. g. dementia, depressive disorder, alcohol dependence)
- Diagnose of epilepsy or epileptic changes in EEG, also frequent losses of consciousness of unclear etiology which might suggest epileptic seizures
- History of any neurosurgical procedure around the head area
- T MRI examination contraindications (metal elements in the body, e. g. implantable cardioverter-defibrillator, deep brain stimulation devices; claustrophobia)
- Regular intake of medication that could affect cortical excitability (e. g. antiepileptic or antipsychotic drugs, antidepressants, benzodiazepines) or medication influencing neuroplastic processes (e. g. dopamine)
- ... and 3 more (see full listing online)

Locations (1 total)

Institute of Psychiatry and Neurology, Warsaw, Masovian Voivodeship, Poland

<https://clinicaltrials.gov/study/NCT05303649>

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