

Effects of Targeted Temporal Interference Stimulation of Cerebellar Nuclei on Tremor and Gait Disturbance in Parkinson's Disease Patients

NCT07384442

Status	RECRUITING
Phase	Not Applicable
Sponsor	YangPan
Enrollment	50 participants

Key Eligibility Criteria

Inclusion (7)

- Aged 50 years or older;
- Confirmed diagnosis of idiopathic Parkinson's disease (IPD) according to the 2015 MDS diagnostic criteria, with tremor and gait disturbance;
- Disease duration e2 years after diagnosis, stable condition, and ability to cooperate with study assessment and intervention;
- Stable medication dosage for at least 4 weeks prior to the trial;
- Good response to Levodopa therapy;
- ... and 2 more (see full listing online)

Exclusion (9)

- History or confirmed diagnosis of severe mental disorders, such as depression, anxiety disorders, schizophrenia spectrum disorders, and bipolar disorder;
- The subject has clinically defined neurological conditions (assessed through self-report), including but not limited to: any disease potentially associated with increased intracranial pressure, space-occupying lesions, stroke history, transient ischemic attack (TIA) within the past two years, cerebral aneurysm, dementia, multiple sclerosis;
- Severe cognitive impairment, Mini-Mental State Examination (MMSE) score ≤ 22 , or inability to independently complete questionnaires;
- Inability to read or understand Chinese;
- Use of other neuromodulatory therapies within the past 3 months;
- ... and 4 more (see full listing online)

Locations (1 total)

Zhongnan hospital, Wuhan, Hubei, China

<https://clinicaltrials.gov/study/NCT07384442>

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