

Brain Activity, Cognitive Function, and Walking Ability in Parkinson's Disease

NCT06588920

Status	RECRUITING
Sponsor	National Yang Ming Chiao Tung University
Enrollment	70 participants

Plain Language Summary

This study is examining how brain activity, thinking skills, and walking ability are connected in people with Parkinson's disease. It uses brain imaging and physical assessments — no new treatments are involved. The goal is to better understand what drives walking difficulties in Parkinson's.

****You may be eligible if...****

- You have been diagnosed with Parkinson's disease
- You have been on stable Parkinson's medication for at least 2 weeks
- You can walk 10 meters without a walking aid
- You scored at least 24 on the Mini-Mental State Exam
- You do not have uncorrected vision or hearing problems
- You completed at least junior high school education

****You may NOT be eligible if...****

- You have another neurological, bone/joint, or heart/lung condition
- You have had brain surgery such as deep brain stimulation

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (7)

- Diagnoses of idiopathic Parkinson disease
- Stable dopaminergic medicine e 2 weeks
- Able to walk 10 meters without aid
- Mini-Mental Status Examination e 24 points
- No uncorrected visual or auditory disorders
- ... and 2 more (see full listing online)

Exclusion (2)

- Other medical diagnoses of neurological, musculoskeletal, or cardiopulmonary disorders
- History of brain surgery (e.g. deep brain stimulation)

Locations (2 total)

National Yang Ming Chiao Tung University, Taipei, Taiwan
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<https://clinicaltrials.gov/study/NCT06588920>

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