

Basal Ganglia Contributions to Transitions in Freezing of Gait and Parkinson's Disease

Status: Recruiting

Eligibility Criteria

Sex: Male or Female

Age Group: 18 years and over

Inclusion Criteria:

- age 21-75 - able to walk independently without the use of an assistive device (e.g. cane) for 50 meters (165 feet) - have a Medtronic Percept TM Device implanted - at least 3 months since the initial activation of the neurostimulator

Exclusion Criteria:

- dementia of any cause - history of musculoskeletal disorders that significantly affect walking or movement of limb(s) that would affect the participation - women who are pregnant

Conditions & Interventions

Conditions:

Brain & Nervous System

Keywords:

Freezing Gait, Parkinson's Disease, PD

More Information

Description: The purpose of this study is to examine brain activity associated with movement in people with Parkinson's disease, and the relationship of this brain activity to problems with moving and thinking. Brain activity will be recorded using a cap with EEG sensors attached and/or by recording brain signals from your deep brain stimulator (Medtronic Percept™ device). We will look at brain activity associated with balance, walking, and movements of your arms or legs.

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Phase: NA

IRB Number: STUDY00023279

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