

Sleep Outcomes with DBS Therapy in Parkinson's Disease and Dystonia

Status: Recruiting

Eligibility Criteria

Sex: Male or Female

Age Group: 18 years and over

This study is NOT accepting healthy volunteers

Inclusion Criteria:

- at least 21 years old - existing or planned 7T brain imaging - surgery at UMN to implant DBS system planned as part of routine clinical care (or has already occurred, as long as the first programming session is at least 2 weeks away)

Exclusion Criteria:

- other significant neurological disorder - history of dementia - complications after surgery - women who are pregnant

Conditions & Interventions

Interventions:

Other: Clinically optimized deep brain stimulation

Conditions:

Brain & Nervous System

Keywords:

Clinics and Surgery Center (CSC), DBS, Parkinson's Disease, Sleep Apnea

More Information

Description: The objective of this study is to describe how activation of distinct pathways in and around the subthalamic nucleus (STN) and internal segment of the globus pallidus (GPi) correlate to changes in sleep outcomes in movement disorders patients after deep brain stimulation (DBS) surgery targeting these structures.

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IRB

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