

## 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.

**Study Contact:** Peter Grund - grund130@umn.edu

**Principal Investigator:** Luke Johnson

**IRB**

**Number:** STUDY00018981

---

Thank you for choosing StudyFinder. Please visit <http://studyfinder.umn.edu> to find a Study which is right for you and contact [sfinder@umn.edu](mailto:sfinder@umn.edu) if you have questions or need assistance.