

Deep Brain Stimulation for Laryngeal Dystonia: From Mechanism to Optimal Application

NCT05506085

Status	RECRUITING
Sponsor	Indiana University
Enrollment	12 participants

Key Eligibility Criteria

Inclusion (7)

- Patients with ADLD and ADLD plus tremor, as diagnosed by routine clinical examination by laryngologist, speech language pathologist, and neurologist.
- Patients undergoing globus pallidus interna (GPI) deep brain stimulation (DBS) for ADLD with tremor
- Age range of 18-80 years
- Native speakers of American English will be recruited since there are known differences in voice and neural signals of native and non-native speakers
- No evidence for dementia as assessed by neurologist.

... and 2 more (see full listing online)

Exclusion (9)

- Individuals younger than 18 years and older than 80 years of age.
- Women who plan to become pregnant during the study period or are currently breastfeeding.
- Prior history of stroke, brain surgery, or other neurological disorder besides the one under study.
- Prior laryngeal framework surgeries or other disorders affecting the vocal folds
- Patients who are asymptomatic due to treatment with botulinum toxin into the vocal folds.

... and 4 more (see full listing online)

Locations (1 total)

Indiana University, Indianapolis, Indiana, United States