

Brain Network Changes After Vibro-tactile Stimulation in Laryngeal Dystonia

NCT07443891

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Minnesota
Enrollment	20 participants

Key Eligibility Criteria

Inclusion (2)

- Diagnosis of laryngeal dystonia previously made by a voice disorder specialist and confirmed by Dr. Misono, UM Otolaryngology.
- Healthy adults, aged 18-75 years with no known neurological or orthopedic deficits that may affect speech motor functions.

Exclusion (31)

- Regular intake of benzodiazepines
- Cognitive impairment: score \leq 27 on Mini-mental state examination; score \leq 19 on Beck depression inventory
- Identifies with a neurological or musculoskeletal impairment affecting speech motor function. These impairments may include a form of: Dyskinesia, Dystonia, Essential Tremor, Huntington's Disease, Multiple System Atrophy, Muscle Tension Dysphonia, Parkinsonism, Progressive Supranuclear Palsy, Spasticity, Intracranial Neoplasm (brain tumor), Spinal Neoplasm, Cerebrovascular Accident (Stroke), Mild Traumatic Brain Injury, Intracranial Hemorrhage, Multiple Sclerosis
- Subjects with any type of bio-implant activated by mechanical, electronic, or magnetic means (e.g. cochlear implants, pacemakers, neurostimulators, biostimulators, electronic infusion pumps, etc.).
- Subjects with any type of ferromagnetic bio-implant that could potentially be displaced or damaged, such as aneurysm clips, metallic skull plates, etc.

... and 26 more (see full listing online)

Locations (1 total)

University of Minnesota, Minneapolis, Minnesota, United States