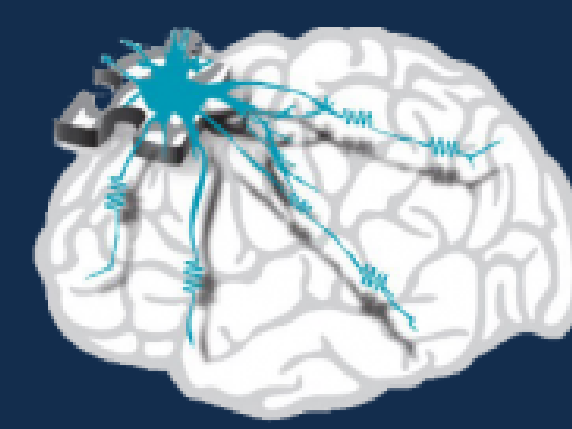


Magnetic Seizure Therapy for Parkinson's disease



NINET
non invasive neurostimulation therapies

Study Overview

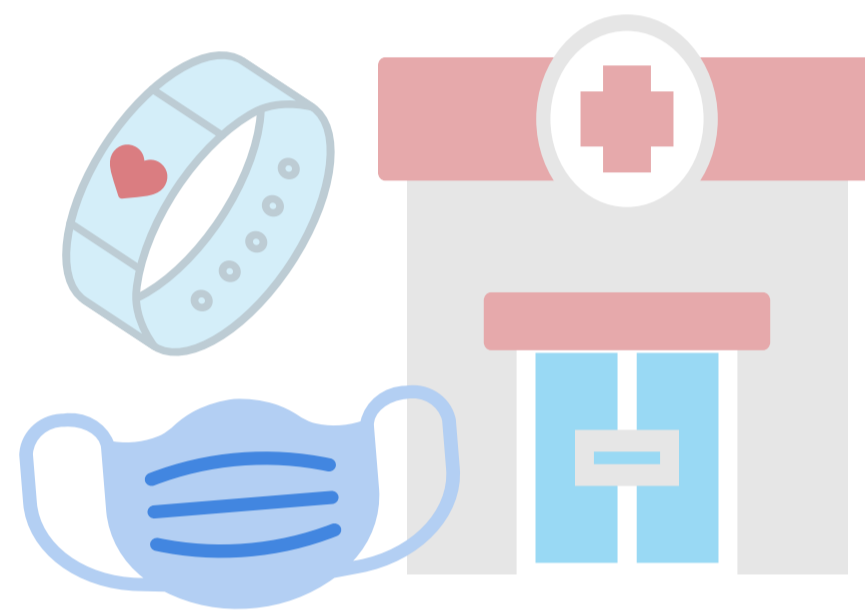
- Phase 2 study evaluating the feasibility of using Magnetic Seizure Therapy (MST) to treat depression in Parkinson's Disease
- Studying the impact of MST on mood, cognition, suicidal ideation, motor function, quality of life measures, and electroencephalography
- Open label, single-arm study: All participants will receive MST twice per week under general anesthesia (max 16 treatments)

Things to Note:

MST Treatments will be delivered at Detwiller Pavilion (UBC Hospital)

**every Tues-Thurs
from 10:30am-noon**

Participants will not be responsible for the cost of treatment. A modest compensation for time and transportation expenses is offered.



Participants **must** be picked up by a trusted relative or friend after every treatment



Inclusion Criteria

1. Between 50-100 years old
2. Confirmed diagnosis of Parkinson's disease
3. Moderate-severe depression
4. Stable doses of psychotropic medications
5. Able to receive convulsive therapy as assessed by a psychiatrist and anesthesiologist
6. If on antidepressants, agree to keep them constant during the entire study
7. Can adhere to the treatment schedule
8. Meet the MST safety criteria

Exclusion Criteria

1. Diagnosis of another major neurocognitive disorder (e.g., dementia)
2. Active psychosis
3. Unstable medical conditions that could worsen with MST
4. New psychotropic medications in the past 4 weeks
5. Intracranial implants or metal objects in or near the head that can't be removed. **Metal objects in the mouth are ok**
6. Require more than 2mg/day of lorazepam (or equivalent dose)
7. Currently take any anticonvulsants
8. Not fluent in English
9. Significant sensory impairment that prevents completion of assessments

Next Steps

Please fill out a referral form, adding a note to indicate interest in the "MST-PD study" and fax it to: **604-822-7922**

<https://ninet.med.ubc.ca/clinic/referral/>



Questions?

