

An Entirely Remote, Home-based Phase 3 Clinical Trial of a Specialized Light Therapy Device for Parkinson’s Disease – Interest and Feasibility

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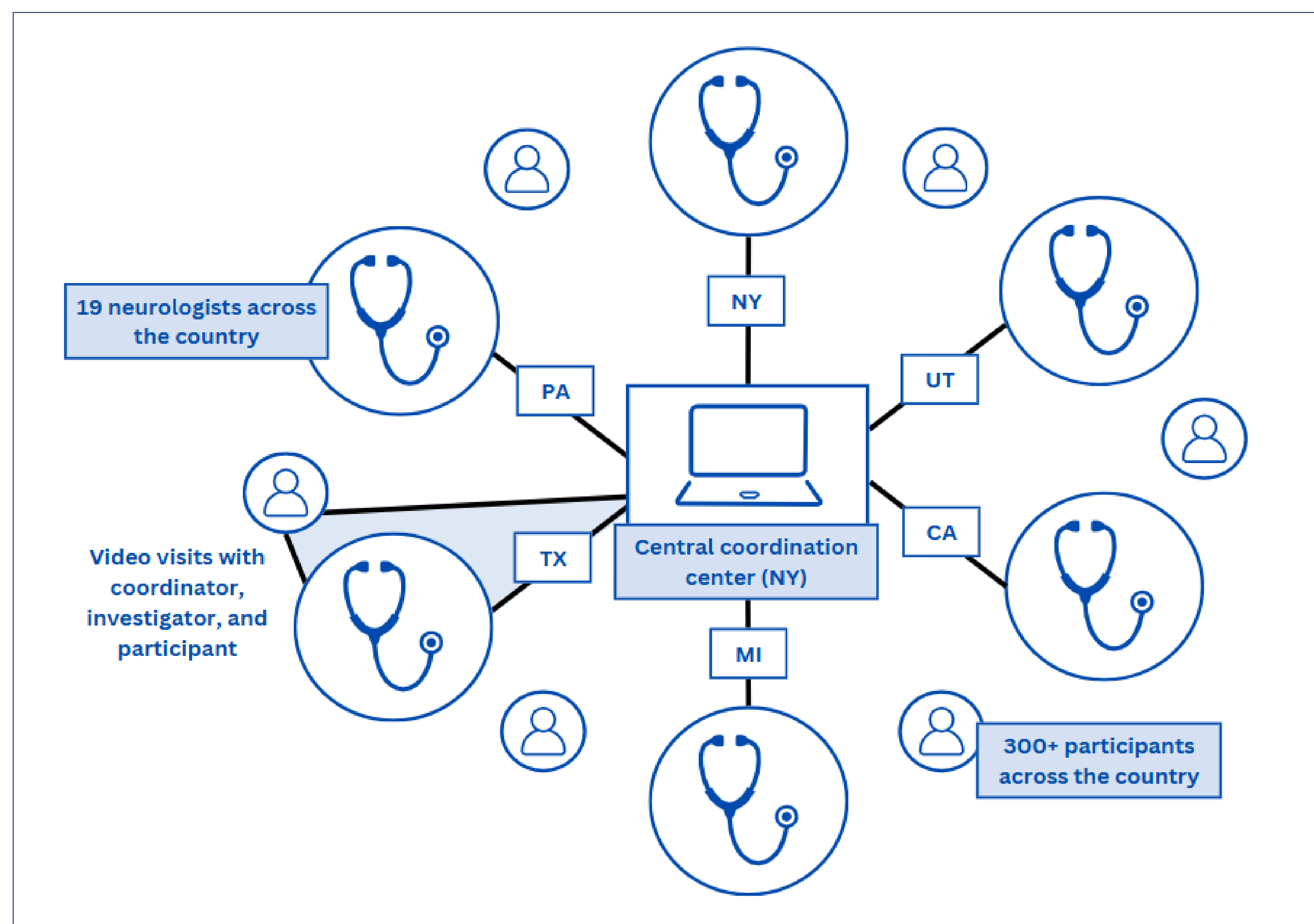
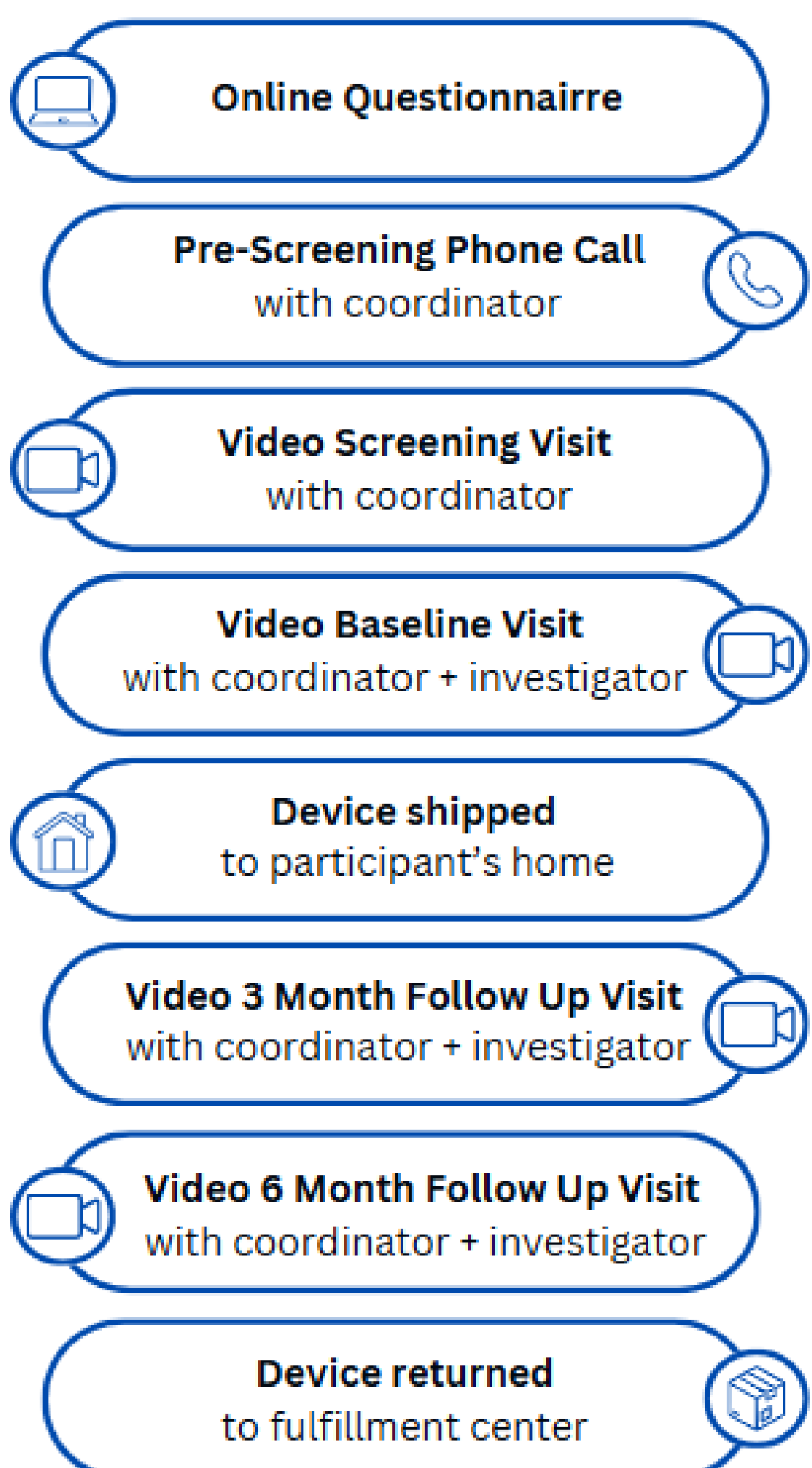
Objectives

To present the interest and feasibility in an entirely remote, home-based clinical trial of light therapy for Parkinson’s disease (PD).

Background

- **Traditional clinical trials:** may not represent those outside metropolitan areas, who may not have easy access to clinics
- **Remote decentralized trials:** take place outside clinical sites, may be more inclusive of people with PD
- **Home-based light therapy:** favorable safety profile, well-suited for remote study, and could provide insight on conducting remote decentralized trials

Methods



Results

From March-November 2024:

- 2580 online questionnaires completed
- 1439 (55%) potentially eligible
- 198 screening visits completed
- 125 participants are randomized
 - Mean Age: 67.8 years
 - Mean duration of PD: 6.8 years
- 20 completed trial participation

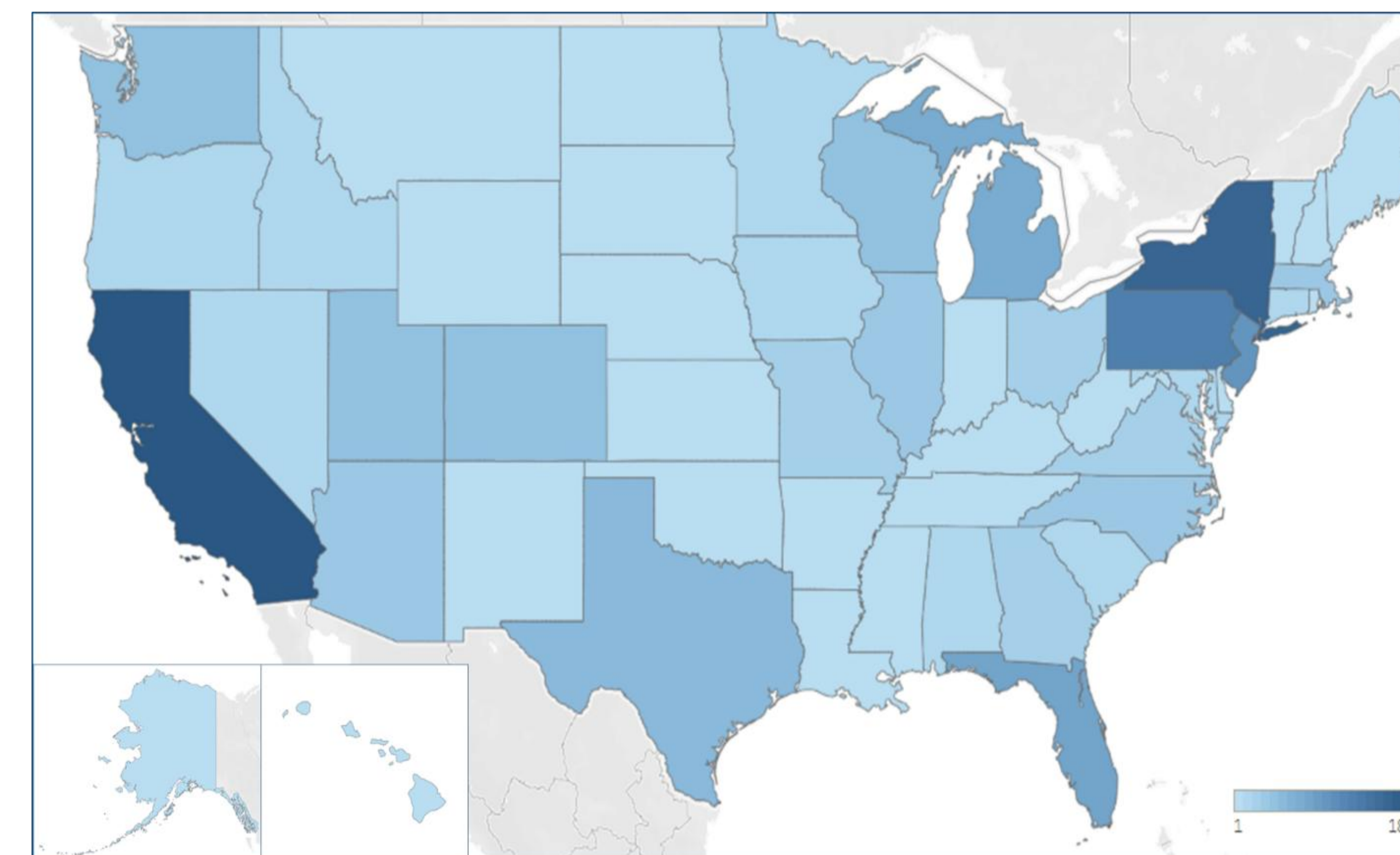
Initial Successes

- Home device set-up
- Daily device use

Initial Challenges

- Software use
- Remote consent

Map of Individuals who have completed Online Questionnaire



Implications

- **Interest:** robust interest for participation in a remote trial of light therapy for PD
- **Feasibility:** central coordination center allows for rapid enrollment and could serve as a model for future remote decentralized trials

Affiliations
To be added

References:
Singh RL, Bush EJ, Hidecker MJ, Carrico CP, Sundin S. Considering Health Care Needs in a Rural Parkinson Disease Community. Prog Community Health Partnersh. 2020;14(1):15-28. doi: 10.1353/cpr.2020.0005.