





Parkinson's Disease Self-Management using the Balance Capture (BACA) Mobile App

IRB #: 898-20-EP

This research study will examine the feasibility of the Balance Capture (BACA) mobile health application to promote patient self-management of symptoms and communication in individuals with Parkinson's Disease (PD). This research seeks to better inform the management of PD while also testing the usability of BACA.

Participants will be asked to participate in:

In-person or Remote Training Session <ul style="list-style-type: none">• Study overview and BACA smartphone app tutorial• Time commitment: 10 hours or less 
In-home use of the BACA App <ul style="list-style-type: none">• Balance status and mobility tracking• Twice a week for four weeks 
Patient Surveys <ul style="list-style-type: none">• Self-report on health & self-management practices• BACA user-experience and satisfaction 
Interview <ul style="list-style-type: none">• Done via telephone or teleconference (Zoom)• Overall experience and recommendations 

If you're unsure if you meet the requirements or have any questions, please call or email:

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Location

- Remote training or in-person appointment at West Holt Medical Services, Sandhills Physical Therapy & Sports Rehab, or UNMC Physical Therapy Education Clinical Skills Lab
- In-home use of the BACA mobile application twice a week for four weeks

Eligibility Criteria

- 19 years or older
- Clinical diagnosis of Parkinson's Disease
- Ability to walk for 10 meters with or without an assistive device
- Ability to perform balance status tests independently
- Apple or Android smart phone users
- English-language proficiency