

University of Washington: Survey on Wearable Device's in Parkinson's Disease

To advance the care of individuals with Parkinson's Disease (PD), the University of Washington is conducting an anonymous online survey of the experiences and perceptions of individuals with Parkinson's disease and their specialist healthcare providers on the use of wearable devices for the management of Parkinson's Disease.

Through this study, we seek to better understand the current barriers and limitations of wearable technology in the healthcare ecosystem. We hope that this knowledge will support the development of solutions that ultimately enhance the lives of those with PD.

What are wearable devices? Wearable devices for the purpose of our study are devices that you wear that provide feedback on your movements and health. These include smart watches, fitness trackers, motion tracking medical devices, and other similar devices.

Healthcare providers: Neurologists, movement disorders specialists, neurosurgeons, and advanced care providers who manage PD are all welcome. We ask that all those responding have completed their initial training (residency or equivalent) and be over the age of 18 years.

What is involved? Individuals interested in participating in the study can directly follow the link to complete the online survey. The survey will ask questions about general practice demographics, perceptions on early adoption of technologies, and about your perceptions and experiences with wearable devices. Most questions will be multiple choice, but you are free to provide more feedback. **The entire survey should take less than 15 minutes.** If there is a disruption or need to step away from the survey, you can return at a later time.

What are the risks? This is an anonymous survey. However, there is always a risk of self-identification. To limit this risk, questions on demographics and PD symptoms have been made general and collection of personal identifying information has been avoided. The other notable risk is emotional distress during the process of answering the survey, as discussion of disease symptoms or contrasts between perceived ideals and realities can cause negative emotions. However, efforts have been made to make the questions to be neutral and free of judgment.

What are the benefits? There are no direct benefits to participants of the survey, outside of increased awareness of the topic and the ability to voice opinions.

What will be done with my survey answers? The survey results will be aggregated and reviewed. General trends and perceptions will be reported as well as the associations of different demographic factors and experiences on opinions. These results will be compared between people with PD and healthcare providers who treat PD. Individual survey response information will not be released.

Who can I contact if I have more questions or comments?

Please email wearablesurvey@uw.edu

Survey Link for Healthcare Providers

<https://redcap.link/WearableSurveyPD-HCP>