RESEARCH CONSENT FORM

Final Long-Term Robot-Assisted Physical and Cognitive Exercise Interventions at the OVH

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Researchers:
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We are asking you to be in a research study. Here is some key information about the study:

Key Information

Voluntary: You do not have to be in the study if you do not want to. You can also decide to be in the study now and change your mind later. We may keep and use information that we collected about you while you were in the study.

Purpose: In this study, we are trying to to examine the use of robots to support older adult wellness in a skilled nursing facility. We are asking you if you want to be in this study because you are an older adult. Non-English speakers and students and advisees of Prof. Naomi Fitter should not enroll in this study.

Activities: We will ask take part in recurring sessions involving interaction with a stationary humanoid robot, complete surveys and interviews about your experiences both with and without the robot, consent to audio recording, and wear a health monitoring device whose data will be collected during the study.

Time and Duration: This study will take place over six months. You will complete an initial demographic and intake questionnaire. You will be asked to wear a health-monitoring device for the duration of the study. For the other part of the study, a robot will intermittently be available at the Oregon Veterans' Home for use at your discretion. The research team will also check in with you for about 30 minutes at the start and end of the study, and for a roughly 15-minute conversation on a biweekly basis (four hours over the course of the study). Additionally during these visits, you will be asked to interact with the robotic system for about 15 minutes while a researcher is present.

Risks: The risks of this study are similar to the risk involved in one's day-to-day life while exercising or performing PT, talking to a friend, or using a commercial electronic device. Wearing a fitness tracker can cause slight discomfort to sensitive individuals' skin.

This consent form provides you with a detailed description of the study to help you decide whether or not to participate. Please read it carefully. You should ask any questions you have about the research and, once they are answered to your satisfaction, you can decide whether or not you want to be in the study.

STUDY PROCEDURES

This study will take place over six months. You will complete an initial demographic and intake questionnaire. You will be given an RFID card to use to interact with the system. You will be asked to wear a health-monitoring device for the duration of the study. For the other part of the study, a robot will intermittently be available at the Oregon Veterans' Home for use at your discretion. The research team will also check in with you for about 30 minutes at the start and end of the study, and for a roughly 15-minute conversation on a biweekly basis (four hours over the course of the study). Additionally during these visit, you will be asked to interact with the robotic system for approximately 15 minutes while a researcher is present. If you miss more than one required session with the research assistant (that includes answering survey questions and interacting with the system) within any treatment period, you will be removed from the study. Overall, every other week, you will be asked to wear a commercial fitness tracker and interact with the system (~15 minutes), complete a questionnaire, and a semi-structured interview (~15 minutes). At the end of the study, you will be asked to wear a commercial fitness tracker and interact with the system (~15 minutes), and you will take part in a final semi-structured interview (~30 minutes).

RISKS, STRESS, AND DISCOMFORTS

The risks associated with this study include discomforts associated with being in the study include displeasure at the questions asked by the research team, discomfort with the health monitoring device and otherwise similar risks of day-to-day life (for example, while using the physical therapy systems available in the Oregon Veterans' Home).
Another risk, although unlikely, is that the data collected during the study (survey data, interview audio recording) could be accessed by individuals outside of the research team. We will do our best to avoid this by maintaining the data on secure, password-protected computers and on university-provided cloud services. Wearing a fitness tracker can cause slight discomfort to sensitive individuals' skin.

ALTERNATIVES TO TAKING PART IN THIS STUDY

If you choose not to participate, you can still use and interact with the robotic system without being part of the study.

BENEFITS OF THE STUDY

This study is not designed to benefit you directly. However, our findings from this study will help us understand new ways to support older adult wellness and the wellness of their caregivers.

PROTECTING YOUR RESEARCH INFORMATION

We plan to make the results of this study public but we will not include your name or other information that identifies you. There is still a chance that we could accidentally disclose information that identifies you.

To reduce the chance of this, we do not record your name on this consent form or other study assessments. Collected data will be de-identified by storing it based on a subject number code rather than your name. Only research team members will have access to your raw audio recordings.

Data will be destroyed after a required audit-accessible three-year period. During this period, OSU staff or federal agencies may be viewed as part of an audit. Beyond this, information collected from you for this research will not be stored or distributed for future use.

USING YOUR DATA IN FUTURE RESEARCH

The information that you give us will only be used for this study. We will not share information about you with others or use it in future studies without your consent.

COMPENSATION

You will receive compensation in the amount of $10 for completing the initial and final check-ins, and $5 for each biweekly check-in that you complete. Experiences interacting with the robot will be part of your day-to-day activities at the Oregon Veterans' Home.

QUESTIONS

We would like you to ask us questions if there is anything about the study that you do not understand. You should also contact the research team if you feel that you have been harmed by the research. You can call us at (541) 737-9193 or email us at fittern@oregonstate.edu.

If you have questions or concerns about your rights as someone taking part in research, please contact the Oregon State University Human Research Protections Program at 541-737-8008 or IRB@oregonstate.edu.

CONSENT TO PARTICIPATE

Rather than collect your name, we will now ask you a few questions and see if you would like to consent to these study procedures verbally.

Your verbal consent indicates that this study has been explained to you, that your questions have been answered, and that you agree to take part in this study.

Participant signature: _____