

Letter of Information

Title: A Software System for Collection, Analysis and Presentation of Musculoskeletal Rehabilitation Data: Phase I Online Survey

Principal Investigator: Dr. Ana Luisa Trejos

You are being invited to participate in a research study directed by Dr. Ana Luisa Trejos to develop a software system for collection, analysis and presentation of musculoskeletal rehabilitation data. Your participation in this research study will aid in the development and validation of the software system. This study is being conducted by the following researchers:

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Details of the Study:

The overall objective of this research is to develop a software system that enables digital collection, analysis and presentation of patient data related to musculoskeletal rehabilitation of the upper limb. The goal of the system is for it to provide patient data to the therapist in such a

way that enhances their ability to interpret patient motion ability and to prescribe motion protocols. The project is divided into three phases: requirement generation, system development and system evaluation. You are being invited to participate in the requirement generation phase of this study. Your participation will provide valuable information to guide the development of the software system. We are looking for 30 individuals to participate in this study.

You are asked to complete an online survey regarding your current methods of collection of patient data and assessment of patient motion ability. Your responses will form the basis for the requirements of the software system. The online survey will take approximately 10 minutes to complete. By participating in the study, you acknowledge that you hold a valid license under one or more of the following organizations:

- Canadian Physiotherapy Association
- Canadian Association of Occupational Therapists
- Canadian Kinesiology Alliance
- College of Physical Therapists of British Columbia
- College of Occupational Therapists of British Columbia
- British Columbia Association of Kinesiologists
- Physiotherapy Alberta College + Association
- Alberta College of Occupational Therapists
- Alberta Kinesiology Association
- Saskatchewan College of Physical Therapists
- Saskatchewan Society of Occupational Therapists
- Saskatchewan Kinesiology and Exercise Science Association
- College of Physiotherapists of Manitoba
- College of Occupational Therapists of Manitoba
- Manitoba Kinesiologist Association
- College of Physiotherapists of Ontario
- College of Occupational Therapist of Ontario
- College of Kinesiologist of Ontario
- Ordre professionnel de la physiothérapie du Québec
- Ordre des ergothérapeutes du Québec
- Federation des kinesiologues du Quebec
- College of Physiotherapists of New Brunswick
- New Brunswick Association of Occupational Therapists'
- New Brunswick Kinesiology Association

- Nova Scotia College of Physiotherapists
- College of Occupational Therapists of Nova Scotia
- Prince Edward Island College of Physiotherapists
- Prince Edward Island Occupational Therapists Registration Board
- Newfoundland and Labrador College of Physiotherapists
- Newfoundland and Labrador Occupational Therapy Board
- Newfoundland and Labrador Kinesiology Association

The survey can be accessed through the following link:
https://uwo.eu.qualtrics.com/jfe/form/SV_6kV00sebUA91HhP

Risks:

There are no risks to you that arise from participating in this study. Participants are not waiving any legal rights by agreeing to participate in this study.

NOTE: The participation in this study is voluntary. You may withdraw from the survey at any time. Any collected data at the point of withdrawal will still be used as the data is collected anonymously.

Benefits:

Although you may not benefit directly from this study, your participation will contribute to our basic knowledge of rehabilitation processes, enhance the tools available for data collection and assessment and enable the use of wearable mechatronic devices within rehabilitation protocols. Any software systems resulting from this study may be developed into marketable products. Participants will not be compensated for participating in this study.

Confidentiality:

Participation in the survey is anonymous and data collected from the survey will be kept private. No identifiable information, including email or IP addresses, will be stored or linked to any collected data. All data will be stored in a password-protected personal computer (University of Western Ontario, Spencer Engineering Building, Room 2038). Access to records and data is limited to authorized persons.

This project is supported by a Discovery Grant of the Natural Sciences and Engineering Research Council (NSERC) of Canada and by the Ontario Ministry of Economic Development,

Trade and Employment and the Ontario Ministry of Research and Innovation through the Early Researcher Award.

By completing the online survey, you acknowledge that you have read the letter of information and are consenting to participate in this study.

If you have any questions or concerns regarding participation in our study, please contact Dr. Ana Luisa Trejos at (519) 661-2111 Ext. 89281, email: atrejos@uwo.ca

If you have any questions about the conduct of this study or your rights as a research subject you may contact the Office of Human Research Ethics at (519) 661-3036, email: ethics@uwo.ca. A copy of this information package is yours to keep for your personal records.