

Participation information for the study

Evaluation of an e-learning offer for physiotherapists and bachelor students on prognosis-optimised treatment for patients with musculoskeletal complaints

at Trier University of Applied Sciences (Department of Computer Science)

Dear prospective participants,

We would like to invite you to participate in a study in the field of therapeutic sciences. The information provided here is intended to explain the aims and background of this study and inform you about the methods used. In addition, the investigators are available to answer your questions. Please do not hesitate to ask about any points that are unclear to you. You will have sufficient time to think about your participation.

What are the aims of the study?

Exercise therapy combined with educational measures according to behavioural therapy principles is recommended in international Health Care Guidelines for patients with non-specific low back pain. An important basis for this treatment approach is knowledge about psychosocial influencing factors. These are used to establish a well-founded prognosis. Generally, physiotherapists have rarely been specifically trained for this approach. To address this issue, an e-learning programme was developed at Trier University of Applied Sciences, which was integrated into the courses of the Bachelor's degree programme in physiotherapy and evaluated for two consecutive years.

This offer is expanded to replicate the e-learning training on stratified care in collaboration with physiotherapists from different countries. The aim of the project is to describe the development of participants. In this way, insights are to be gained for the further development of the programme.

What are the framework conditions of the study?

The study we are presenting here is primarily web-based. The processing of the e-learning content is primarily done on one's computer. Students from Nigeria, Germany, Denmark, South Korea and Switzerland are invited to participate. All consenting physiotherapy students and interested registered physiotherapists will partake in this evaluation.

What is the procedure of the study and what do I have to consider when participating?

Different approaches are used for evaluation. Quantitative and qualitative data are collected. The quantitative surveys take place before and after the training to see how participants develop. Quantitatively, the results are recorded by a questionnaire (Tampa Scale for Kinesiophobia, version for physiotherapists, TSK-PT), the utilisation of the e-learning offer including the results from tests, as well as seven standardised questions on the course (offer structure, learning success and relevance). Qualitatively, group workshops will be conducted and discussions documented.

What are the risks associated with study participation?

The surveys are conducted in the context of education/training. We are not aware of any risks in this context.

Who may or may not participate in this study?

All students above 18 years from Bachelor's degree programmes in Physiotherapy and post-graduate/ registered physiotherapists who participate in the training are invited to participate in this evaluation.

What personal benefit do I get from participating in the study?

You are not expected to gain any personal benefit from participating in this study. The project serves to further develop the teaching offer for the study and physiotherapists in general.

Am I insured during the study?

They are not separately insured through the study for activities related to the study participation. External physiotherapists participate in the study as private individuals.

Can I withdraw my consent to participate in the study?

Consent to participate in the study can be withdrawn at any time, even without giving reasons (verbally, in writing or by email), without this causing you any disadvantages.

What data will I be analysing as part of this study?

The data for the evaluation will include training data including task scores, duration, attempts, answers to questionnaires (TSK-PT, Standardised evaluation questions) and notes on workshops conversations.

What happens to my data?

Your consent will be collected online. For the evaluation, personal information will be collected via a survey instrument SoSci Survey (<https://www.soscisurvey.de>) and the Trier University of Applied Sciences webpage. This data will be treated confidentially and stored electronically at the testing centre. A passing on of the above personal data takes place for access management and data collation to Mrs Cornelia Wockenfuß. Trier University of Applied Sciences. Rechenzentrum. Schneidershof. 54293 Trier.

Your data collected in this study will be recorded, stored, evaluated and, if necessary, also published in pseudonymised¹ form. Sharing of anonymised data with other working groups is possible for research purposes. The study results will be published without reference to you personally. All data collected is handled in accordance with EU data protection regulations, i.e. only scientifically evaluated and archived in pseudonymised form. The storage of the data takes place exclusively on a server at Trier University of Applied Sciences. The data is deleted after 10 years.

¹ Pseudonymised means that a number and/or letter code is used. An allocation of the data to a specific person is possible with the help of a kind of "key", which is administered in the study centre.

The person responsible for data processing in this study is Mr Mishael Adje. The documentation forms, consent forms and other important study documents are kept for at least 10 years, as stipulated by the GCP regulation (Good Clinical Practice Regulation). After this period, the personal data will be deleted unless there are legal, statutory or contractual retention periods to the contrary.

You have the following rights in relation to the data we hold about you:

You have the right to request **information** about the stored data. The information can also be provided electronically upon request. You have the right to demand the **correction, deletion, transfer or blocking of** the stored personal data. You have the right to **object to the** processing of the personal data stored about you or to demand the **restriction of the processing**.

Without prejudice to any other remedy, you have the right to lodge a **complaint** with a supervisory authority, in particular in the Member State of your residence, place of work or place of work. Right to lodge a complaint with a supervisory authority of the alleged infringement, if you consider that the processing of personal data concerning you infringes the EU General Data Protection Regulation (GDPR). The supervisory authority to which the complaint has been lodged shall inform the complainant of the status and outcome of the complaint, including the possibility of a judicial remedy under Article 78 GDPR.

- Legal basis

Insofar as the consent of the data subject is obtained for processing operations of personal data, Art. 6 para. 1 sentence 1 lit. a EU General Data Protection Regulation (DSGVO) serves as the legal basis.

Who do I contact if I have further questions?

If you have any further questions, please contact Mishael Adje, Trier University of Applied Sciences, 0651/8103-581, m.adje@hochschule-trier.de.

- *is the responsible body for the data collection:*

Trier University of Applied Sciences, Schneidershof, 54208 Trier, Germany
Email: praesident@hochschule-trier.de, Fax: +49 (0)651 8103 333

- *Contact for general questions on data protection - Data Protection Officer:*

Prof. Dr Konstantin Knorr
Trier University of Applied Sciences, Schneidershof, 54208 Trier, Germany
E-mail: datenschutz@hochschule-trier.de

A copy of the information letter and the signed consent form will be given to you or you can save this document as a pdf file.