

Research and Development Physiotherapy

MoveD: Open Research Data in Swiss Movement Laboratories

Background

Motion analysis is used in various disciplines: for clinical decision-making, in rehabilitation or the development of new medical devices. A range of measurement systems may be used. The process of making the data publicly available raises questions such as: "How do we ensure that privacy rights and data protection are guaranteed?", "In what format should the data be published?" or "Which personal and potentially identifying data should be published?". These questions reflect the fact that little of the data has so far been available to the public.

Objective

The aim of MoveD is to identify the challenges of publishing movement analysis data and to define guidelines based on this information. This will be

done with the involvement of all movement laboratories in Switzerland.

Method and procedure

The project is divided into the following work packages:

Definition of requirements

Goal: Determine current practices on Open Access

Methodology: Survey & workshop with staff from movement laboratories in Switzerland

Duration: March 2023 - July 2023

Development of guidelines

Aim: Develop open access guidelines for use in Swiss movement laboratories.

Methodology: Expert interviews, legal clarification, feedback from movement laboratories' staff

Duration: June 2023 - August 2024

Prototyping of guidelines with use-cases

Aim: Evaluate applicability of guidelines in example projects

Methodology: evaluation of applicability, feedback from movement laboratories' staff

Duration: February 2024 – April 2024

Contact

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Project organisation

- Prof. Dr. Eveline Graf

Project duration

March 2023 – August 2024

Project team

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- Anna Daurich, Research Data Services
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Project partner

Consortium "Evidence-Based Surgical Decision Making"

Project funding

swissuniversities