

Announcement of a Master thesis

Background

In the context of my dissertation, I would like to quantify daily mobility challenges of people living with brittle bones osteogenesis imperfecta (brittle bones). For this purpose, 50 people living with brittle bones from all over Europe should be recruited in cooperation with patient organisations to participate in a structured interview and an evaluation of movement data (accelerometer and GPS) gathered from smartphone sensors. Insights into the daily mobility challenges provide a basis for developing new assessment procedures with smartphones, technical aids, and special/universal design templates, which could directly impact patients' quality of life.

Research Question

How do attitudes towards exercises and different physical limitations affect the perception of daily mobility challenges in people living with brittle bones?

To Do

The Master thesis aims to collect the attitudes towards endurance and strength exercises and perceived daily mobility challenges with a structured interview guideline from 50 people living with brittle bones from all over Europe and to evaluate them in the spectrum of brittle bones.

Learnings

- In this project, you can work with stakeholders on a European level,
- You will understand functional limitations in everyday life due to bone diseases.
- Working in an interview setting will help you build an understanding of people in the therapy setting.
- You will learn to implement a project in the field of public health and build up methodological knowledge.

Best wishes,

Sascha Fink