



INVOLVEMENT OF RELATIVES IN ADVANCE ELDERLY CARE BY REMOTE APP THROUGH EDUCATION OF HEALTHCARE PROFESSIONAL

PhD Candidate: **Dr. Lukas Berr**

Email: l.berr@unibs.it; Lukas.berr@gmail.com

XXXII Circle

Tutor: Prof. Dr. Emilio Sardini



Background

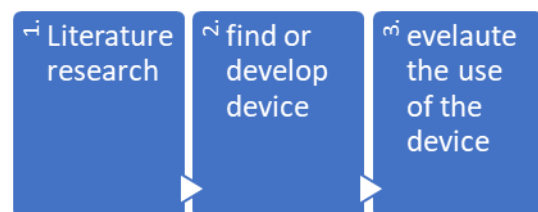
Today's society faces an aging population in high developed countries. Recent studies have shown that due to the inequality of that in the future a shortage of labour especially in the field of elderly medical care will occur. Therefore, we need to investigate the (1) presence and the (2) use of digital remote technologies, like digital communication devices (DCD), on handheld portable devices such as phones or tablets in healthcare workers education, with focus on the nursing sector in Austria.

Objectives

1. Create a knowledge of wellbeing of aging population
2. Scout, develop, implement, test new DCDs in Europe
3. Define new standards for technologies

Methodologies

1. Literature research
2. Using the data from 1. to find/ develop/ device/ app/ DCD already in use in the dental field
3. Test device used by healthcare workers in elderly care homes using questionnaires
4. Evaluate the data and give recommendations for future developments for educational institutions and the industry



Expected Results and Impact

1. We expect a shortage of professional DCD dental applications in use in elderly care in Europe.
2. Furthermore, we expect that training on DCDs is underrepresented due to the lack of