

PLEASE NOTE: *This trial has been registered retrospectively.*

Trial Description

Title

Requirements Analysis of Virtual Reality Pain Therapy for Geriatric Patients with Chronic Back Pain

Trial Acronym

VAF

URL of the trial

[---]*

Brief Summary in Lay Language

The subject of the study is the collection of requirements for a virtual reality pain therapy system for geriatric back pain patients. The planned study is part of the BMBF-funded joint project "Virtual Reality in Pain Therapy (ViRST) - Concept for physiotherapeutic and psychotherapeutic pain therapy using immersive virtual reality". By using and connecting current technologies of virtual reality (VR) and sensor technology, an innovative pain therapy concept will be developed in the project.

Brief Summary in Scientific Language

Objectives of the study:

- Identification of individual technical and non-technical requirements and requirements for a virtual reality pain therapy system in the target group of geriatric subjects with chronic back pain.
- Investigation of physical and psychological burdens of elderly people with chronic back pain.

Do you plan to share individual participant data with other researchers?

[---]*

Description IPD sharing plan

[---]*

Organizational Data

■ DRKS-ID: **DRKS00015294**

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- Date of Registration in DRKS: **2018/10/12**
- Date of Registration in Partner Registry or other Primary Registry: [---]*
- Investigator Sponsored/Initiated Trial (IST/IIT): **yes**
- Ethics Approval/Approval of the Ethics Committee: **Approved**
- (leading) Ethics Committee Nr.: **EA4/055/18 , Ethik-Kommission der Charité - Universitätsmedizin Berlin-**

Secondary IDs

- Universal Trial Number (UTN): **U1111-1219-7539**

Health condition or Problem studied

- ICD10: **M54 - Dorsalgia**
- Free text: **chronic back pain**

Interventions/Observational Groups

- Arm 1: **Semi-structured, guided interviews will be conducted among the cohort with geriatric chronic back pain patients. Evaluation by means of qualitative content analysis.**

Characteristics

- Study Type: **Non-interventional**
- Study Type Non-Interventional: **Other**
- Allocation: **Single arm study**
- Blinding: [---]*
- Who is blinded: [---]*
- Control: **Uncontrolled/Single arm**
- Purpose: **Prevention**
- Assignment: **Single (group)**
- Phase: **II**
- Off-label use (Zulassungsüberschreitende Anwendung eines Arzneimittels): **N/A**

Primary Outcome

Collecting requirements for a virtual reality pain therapy system for a multimodal pain therapy of elderly people with chronic back pain using qualitative content analysis.

Secondary Outcome

- **What are possible individual factors influencing the pain?**
- **Where are the most common problems with back pain exercises?**

Countries of recruitment

- **DE Germany**

Locations of Recruitment

- **University Medical Center Berlin**

Recruitment

- **Planned/Actual: Actual**
- **(Anticipated or Actual) Date of First Enrollment: 2018/05/16**
- **Target Sample Size: 10**
- **Monocenter/Multicenter trial: Monocenter trial**
- **National/International: National**

Inclusion Criteria

- **Gender: Both, male and female**
- **Minimum Age: 65 Years**
- **Maximum Age: no maximum age**

Additional Inclusion Criteria

Geriatric patients with chronic back pain longer than 6 months

- **≥ 65 years**
- **No cognitive impairments**
- **Independent mobility**
- **Able to perform exercises actively**
- **No spinal malignancies, spondylitis and spondylozdiscitis, fibromyalgia**
- **No disc surgery in medical history**
- **No strong vestibular restrictions that affect balance ability**

Exclusion criteria

Patients with chronic back pain shorter than 6 months

- **<65 years**
- **cognitive impairments**
- **immobility or mobility only possible with help**
- **Sensory and / or motor failures**
- **Unable to do exercises actively**
- **spinal malignancies, spondylitis and spondylozdiscitis, fibromyalgia**
- **Disc surgery in medical history**
- **strong vestibular constraints that affect balance ability**

Addresses

■ Primary Sponsor

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Sources of Monetary or Material Support

- **Public funding institutions financed by tax money/Government funding body (German Research Foundation (DFG), Federal Ministry of Education and Research (BMBF), etc.)**

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Status

- Recruitment Status: **Recruiting complete, follow-up complete**
- Study Closing (LPLV): **2018/05/28**

Trial Publications, Results and other documents

* This entry means the parameter is not applicable or has not been set.

*** This entry means that data is not displayed due to insufficient data privacy clearing.