

Trial Description

Title

Effects of Motivational Interviewing on periodontal therapy

Trial Acronym

[---]*

URL of the trial

[---]*

Brief Summary in Lay Language

Compliance of patients is a crucial factor for successful periodontal therapy e.g. in self-performed sufficient oral hygiene and regular participated recall. Currently there is low evidence about motivational strategies in this field. Motivational Interviewing (MI) seems to offer promising results in other health-related issues. The aim of this study is to gain information about the clinical effects of Motivational Interviewing in periodontal therapy. Periodontal therapy and MI will be performed by dental students and patients will be examined before and after the treatment regarding their oral hygiene, pocket probing depths and bleeding on probing by a blinded examiner.

Brief Summary in Scientific Language

Comparison of clinical outcomes of periodontal therapy (oral hygiene indices, periodontal probing depths, clinical attachment-loss) in the student course between non-trained and Motivational Interviewing-trained students.

Organizational Data

- DRKS-ID: **DRKS00003954**
- Date of Registration in DRKS: **2012/09/19**
- 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.: **291/11** , **Ethik-Kommission der Albert-Ludwigs-Universität Freiburg**

Secondary IDs



Health condition or Problem studied

- ICD10: **K05.2 - Acute periodontitis**
- ICD10: **K05.3 - Chronic periodontitis**

Interventions/Observational Groups

- Arm 1: **Periodontal therapy by non-MI-trained students during one term, 1-4 sessions (depending on the severity of periodontitis)**
- Arm 2: **Periodontal therapy by MI-trained students, 1-4 sessions (depending on the severity of periodontitis)**
- Arm 3: **Periodontal therapy by communicational trained students (not MI), 1-4 sessions (depending on the severity of periodontitis)**

Characteristics

- Study Type: **Interventional**
- Study Type Non-Interventional: **[---]***
- Allocation: **Randomized controlled trial**
- Blinding: **Single blind**
- Who is blinded: **therapist/clinician**
- Control: **Active control**
- Purpose: **Prevention**
- Assignment: **Parallel**
- Phase: **N/A**
- Off-label use (Zulassungsüberschreitende Anwendung eines Arzneimittels): **N/A**

Primary Outcome

Pocket probing depths (clinical attachment loss), assessed with a calibrated periodontal probe (Aesculap DB764R). 1. measurement up to 1 month before therapy, 2. measurement up to 4 months after therapy according to possible appointment.

Secondary Outcome

Oral hygiene indices (Sillness & Löe, Löe & Sillness), Bleeding on probing, oral hygiene related self-efficacy, Adherence to appointments. 1. measurement up to 1 month before therapy, 2. measurement up to 4 months after therapy according to possible appointment.

Countries of recruitment

- **DE Germany**

Locations of Recruitment

- Medical Center **Abteilung für Zahnerhaltungskunde & Parodontologie, Freiburg im Breisgau**

Recruitment

- Planned/Actual: **Actual**
- (Anticipated or Actual) Date of First Enrollment: **2012/09/20**
- Target Sample Size: **300**
- Monocenter/Multicenter trial: **Monocenter trial**
- National/International: **National**

Inclusion Criteria

- Gender: **Both, male and female**
- Minimum Age: **18 Years**
- Maximum Age: **no maximum age**

Additional Inclusion Criteria

Current chronic periodontitis, Treated chronic periodontitis with need of treatment (supportive periodontal therapy)

Exclusion criteria

Severe medical conditions, Infections (HIV, Hepatitis), manuel or mental limitations to perform sufficient oral hygiene

Addresses

- **Primary Sponsor**

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Sources of Monetary or Material Support

■ **Institutional budget, no external funding (budget of sponsor/PI)**

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URL: [---]*

Status

- Recruitment Status: **Recruiting complete, follow-up continuing**
- Study Closing (LPLV): [---]*

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.