

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

07 Jul 2026

### Evaluating the effect of periodontal dressing on wound healing and patient satisfaction after periodontal flap surgery

#### Protocol summary

##### Summary

The aim of this single randomized clinical trial study was to determine the effect of dressing on wound healing and patient satisfaction after periodontal flap surgery. This study was conducted on patients who in the treatment plan at least two areas on either side of a jaw surgery was planned. Information included: pain, bleeding, inflammation, swelling, color and granulation tissue of the gum and easily feed patients. Inclusion criteria were the extent of the disease in the region around (in terms of clinical and radiographic) was similar and required same surgery were similar in the two areas. Exclusion criteria included the use of antibiotics, corticosteroids, and hormone during the past two months, diabetes, smoking and impaired repair or physically weak after the first surgery. A total of 33 patients admitted to the Hamadan school of dentistry was studied. In half of patients periodontal pack was used and the used pack was removed a week after surgery. On the 7 and 14 days after surgery, the patients surveyed by the examiner and the clinical symptoms (including color, consistency and presence of granulation tissue) examined.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201211139002N3**

Registration date: **2013-01-28, 1391/11/09**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2013-01-28, 1391/11/09

##### Registrant information

**Name**

Sara Soheilifar

##### Name of organization / entity

Hamadan University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 81 1824 7998

##### Email address

sara.soheilifar@umsha.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Dental faculty of Hamadan University of Medical Sciences

##### Expected recruitment start date

2011-03-20, 1389/12/29

##### Expected recruitment end date

2012-09-06, 1391/06/16

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Evaluating the effect of periodontal dressing on wound healing and patient satisfaction after periodontal flap surgery

##### Public title

The effect of periodontal pack on periodontal flap surgery results

##### Purpose

Supportive

##### Inclusion/Exclusion criteria

Inclusion criteria: same clinical and radiographic disease distribution in both sides of a jaw exclusion criteria: Under antibiotic, corticosteroid or hormonal drugs during the last 2 months diabetes; smoking; disturbed healing

process after the first surgery

#### Age

From **22 years** old to **60 years** old

#### Gender

Both

#### Phase

N/A

#### Groups that have been masked

*No information*

#### Sample size

Target sample size: **33**

#### Randomization (investigator's opinion)

N/A

#### Randomization description

#### Blinding (investigator's opinion)

Not blinded

#### Blinding description

#### Placebo

Not used

#### Assignment

Single

#### Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Hamedan university of medical science

##### Street address

Opposite of Luna park, Shahid Fahmideh St, Hamadan

##### City

Hamedan

##### Postal code

#### Approval date

2013-01-01, 1391/10/12

#### Ethics committee reference number

3493/9/35/16/د/پ

## Health conditions studied

### 1

#### Description of health condition studied

flap surgery

#### ICD-10 code

K05.5

#### ICD-10 code description

Other periodontal diseases

## Primary outcomes

### 1

#### Description

gingival color

#### Timepoint

7 and 14 days after surgery

#### Method of measurement

visual

### 2

#### Description

Consistency of gingiva

#### Timepoint

7 and 14 days after surgery

#### Method of measurement

periodontal probe

### 3

#### Description

patient pain

#### Timepoint

To three days after surgery

#### Method of measurement

Visual scale of pain

### 4

#### Description

comfort of nutrition

#### Timepoint

To three days after surgery

#### Method of measurement

Questionnaire

### 5

#### Description

patient satisfaction

#### Timepoint

7 and 14 days after surgery

#### Method of measurement

Questionnaire

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Periodontal pack intervention group: We bring the pack in the form of two roll bars, almost as the size of treated area length. we bring the end of one of the bars in the form of loop and twist on the surface of distal last tooth. then we drag the remaining of this bar along the surface of distal tooth into midline and press that along gingival and Interproximal margin slowly. the second bar is placed in lingual surface. used pack is removed a week after surgery.

#### Category

Diagnosis

## Recruitment centers

1

### Recruitment center

**Name of recruitment center**

Dental faculty of Hamadan University of Medical Sciences

**Full name of responsible person**

Mehri jafari

**Street address**

Opposite of Luna park, Shahid Fahmideh St., Hamadan

**City**

hamadan

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Medical faculty of Hamadan University of Medical Sciences

**Full name of responsible person**

Maryam Asgari

**Street address**

Opposite of Luna park, Shahid Fahmideh St., Hamadan University of Medical Sciences, Medical faculty

**City**

Hamadan

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Medical faculty of Hamadan University of Medical Sciences

**Proportion provided by this source**

100

**Public or private sector**

*empty*

**Domestic or foreign origin**

*empty*

**Category of foreign source of funding**

*empty*

**Country of origin****Type of organization providing the funding**

*empty*

## Person responsible for general inquiries

### Contact

**Name of organization / entity**

Dental faculty of Hamadan University of Medical Sciences

**Full name of responsible person**

Mehri Jafari

**Position**

Student of dentistry

### Other areas of specialty/work

**Street address**

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+98 81 1835 4017

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## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Dental faculty of Hamadan University of Medical Sciences

**Full name of responsible person**

Sara soheilifar

**Position**

Assistant professor

**Other areas of specialty/work****Street address**

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**Web page address**

## Person responsible for updating data

### Contact

**Name of organization / entity**

Dental faculty of Hamadan University of Medical Sciences

**Full name of responsible person**

Mehri jafari

**Position**

Student of dentistry

**Other areas of specialty/work****Street address**

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## **Sharing plan**

**Deidentified Individual Participant Data Set (IPD)**

*empty*

**Study Protocol**

*empty*

**Statistical Analysis Plan**

*empty*

**Informed Consent Form**

*empty*

**Clinical Study Report**

*empty*

**Analytic Code**

*empty*

**Data Dictionary**

*empty*