

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 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

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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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Person responsible for scientific inquiries

Contact**Name of organization / entity**

Dental faculty of Hamadan University of Medical Sciences

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Sara soheilifar

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Assistant professor

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Person responsible for updating data

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Web page address

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