

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jun 2026

Evaluation of effect of honey mucoadhesive on gingiva wound healing and pain after gingivectomy

Protocol summary

Summary

The effectiveness of honey mucoadhesive in the gingival healing process and reducing pain after a single blind gingivectomy Inclusion criteria: People must be suffering from chronic inflammatory gingival enlargement and need gingivectomy at at least two areas that are the same or have melanin hyperpigmentation; There would be no periodontal attachment loss; The number of teeth that are involved in volume increment should be less than or equal to 6.; There would be no evidence of the need to surgical correction of bones and there should be left at least 3 mm gingival after surgery. Exclusion criteria: Smokers; Pregnant Women; People with diseases that affect the wound healing such as: diabetic; People who receive corticosteroids; People who receive immunosuppressive drugs; Patients allergic to honey (A) Study population: 17 patients 15-45 years old referring to Periodontics department of Dentistry School , Zahedan Medical Sciences University -1395 (B) intervention group using replacement surgery mucoadhesive mucoadhesive honey on the first and third days after surgery control group not use of mucoadhesive honey (C) First and third days after surgery (D) Primary outcome: wound healing, pain

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016050327726N1**
Registration date: **2016-06-21, 1395/04/01**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-06-21, 1395/04/01

Registrant information

Name

Majid Shojaei

Name of organization / entity

Zahedan Medical Science University

Country

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Recruitment status

Recruitment complete

Funding source

Zahedan University of Medical Sciences

Expected recruitment start date

2016-06-21, 1395/04/01

Expected recruitment end date

2016-07-05, 1395/04/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of effect of honey mucoadhesive on gingiva wound healing and pain after gingivectomy

Public title

The effect of honey on gingiva wound healing

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: People must be suffering from chronic inflammatory gingival enlargement and need gingivectomy at at least two areas that are the same or have melanin hyperpigmentation; There would be no periodontal attachment loss; The number of teeth that

are involved in volume increment should be less than or equal to 6.; There would be no evidence of the need to surgical correction of bones and there should be left at least 3 mm gingival after surgery. Exclusion criteria:Smokers; Pregnant Women; People with diseases that affect the wound healing such as: diabetic; People who receive corticosteroids; People who receive immunosuppressive drugs; Patients allergic to honey

Age

From **15 years** old to **45 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **17**

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Zahedan University of Medical Sciences

Street address

Zahedan University of Medical Sciences, Dr. Hesabi Sq.

City

Zahedan

Postal code

9816743463

Approval date

2016-05-01, 1395/02/12

Ethics committee reference number

ir.zaums.rec.1395.46

Health conditions studied**1****Description of health condition studied**

Gingival hyperpigmentation

ICD-10 code

K05.6

ICD-10 code description

Periodontal disease, unspecified

Primary outcomes**1****Description**

Wound healing

Timepoint

One day, three days, seven days

Method of measurement

Visual - Observation

2**Description**

Pain

Timepoint

Two hours, six hours, twelve hours

Method of measurement

VAS Scale

Secondary outcomes**1****Description**

The color of gingival

Timepoint

One day, three days, seven days

Method of measurement

Visual, observation

Intervention groups**1****Description**

control group not using mucoadhesive honey

Category

N/A

2**Description**

intervention group using replacement surgery mucoadhesive mucoadhesive honey on the first and third days after surgery

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

School of Dentistry, Zahedan university of Medical Sciences

Full name of responsible person

Dr. Parvin Arbabi Kalati, Periodontics, University
Professor

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School of Dentistry, Zahedan university of Medical
Sciencesl, Azadegan Sharqi Ave,

City

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Web page address

**Person responsible for scientific
inquiries**

Contact

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Full name of responsible person

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Position

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Other areas of specialty/work

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research and Technology
Zahedan University of Medical Sciences

Full name of responsible person

Dr. Houshang Rafiqdoust

Street address

Zahedan university of medical science, Dr. Hesabi Sq.

City

Zahedan

Grant name

Grant code / Reference number

**Is the source of funding the same sponsor
organization/entity?**

Yes

Title of funding source

Vice Chancellor for Research and Technology Zahedan
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

School of Dentistry, Zahedan university of Medical
Sciences

Full name of responsible person

Dr. Parvin Arbabi Kalati

Position

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Person responsible for updating data

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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