Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 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 ginivectomy Inclusion criteria: People must be suffering from chronic inflammatory gingival enlargement and need ginivectomy 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
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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 ginivectomy 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, Periodantics, University Professor

Street address

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

City

Zahedan

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

Periodantics, University Professor

Other areas of specialty/work

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Person responsible for updating data

Contact

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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