

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 2026

Comparing the effectiveness of bioadhesive paste containing licorice %5 and topical corton for the treatment of oral lichen planus

Protocol summary

Summary

Oral lichen planus (OLP) is a chronic mucosal disease. The eatiology of this disease is unknown but immunodeficiency may have a role in the pathogenesis. Up to now use of topical steroid is the most common treatment, but these drugs have some side effects so today use of herbal extract is considered as a treatment with low side effect. In this study we evaluated the Comparative effectiveness of the bioadhesive paste containing licorice %5 and topical corton for the treatment of oral lichen planus. Inclusion criteria: older than 18 years of age. Exclusion criteria: patient with systemic disease; pregnancy; smoking; lesion with displasia; those who received treatment for OLP at least 1 month previous to beginning the study; lesion adjacent to amalgam filling. Study population: 20 people divided two group A) group with licorice bioadhesive paste %5, B) group b bioadhesive paste with triamcinolone %1 the effect of treatment on pain and clinical symptoms will be evaluated.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201110123133N4**
Registration date: **2012-06-10, 1391/03/21**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-06-10, 1391/03/21

Registrant information

Name

Fateme Arbabi Kalati

Name of organization / entity

Dental school of Zahedan

Country

Iran (Islamic Republic of)

Phone

+98 54 1244 1814

Email address

farbabi@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Zahedan University of Medical Sciences

Expected recruitment start date

2009-03-21, 1388/01/01

Expected recruitment end date

2013-02-19, 1391/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the effectiveness of bioadhesive paste containing licorice %5 and topical corton for the treatment of oral lichen planus

Public title

treatment Mucosal lesions with licorice

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: older than 18 years of age Exclusion criteria: patient with systemic disease; pregnancy; smoking; lesion with displasia; those who received treatment for OLP at least 1 month previous to beginning the study; lesion adjacent to amalgam filling

Age

From **18 years** old to **69 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 20

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

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, Persian golf boulevard

City

Zahedan

Postal code

9817699693

Approval date

2010-06-21, 1389/03/31

Ethics committee reference number

90-659

Health conditions studied

1

Description of health condition studied

lichen planus

ICD-10 code

I43

ICD-10 code description

lichen planus

Primary outcomes

1

Description

size of lesion

Timepoint

the first week second week first month third month

Method of measurement

with ruler and calpier

Secondary outcomes

1

Description

level of pain

Timepoint

the first week second week first month third month

Method of measurement

Visual analog scale

Intervention groups

1

Description

control group receive oral past with 0.1 % triamsinolon 4 times a day for 12 weeks

Category

Treatment - Drugs

2

Description

intervention group receive oral past with 5% licorice 4 times a day for 12 weeks

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Zahedan University of Medical Sciences

Full name of responsible person

Fateme Arbabi-Kalati

Street address

Oral medicine department, faculty of dentistry, Azadegan street,Zahedan

City

Zahedan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Zahedan University of Medical Sciences

Full name of responsible person

Fateme Arbabi-Kalati

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Oral medicine department, faculty of dentistry, Azadegan street,Zahedan

City

Zahedan

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

Yes

Title of funding source
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
Zahedan University of Medical Sciences

Full name of responsible person
Fateme Arbabi-Kalati

Position
Zahedan University of Medical Sciences

Other areas of specialty/work

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Person responsible for scientific inquiries

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Position
Assistant Professor Zahedan University of Medical Sciences

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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