Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 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
l43
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
Street address
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
Street address
Oral medicine department, faculty of dentistry, Azadegan street,Zahedan
City
Zahedan
Postal code
9817699693
Phone
+98 54 1241 4001
Fax
Email
farbabi@razi.tums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Zahedan University of Medical Sicences
Full name of responsible person
Fateme Arbabi-Kalati
Position
Assistant Professer Zahedan University of Medical Sicences
Other areas of specialty/work
Street address
Oral medicine department, faculty of dentistry, Azadegan street,Zahedan
City
Zahedan
Postal code
9817699693
Phone
+98 54 1241 4001
Fax
Email
farbabi@razi.tums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Zahedan University of Medical Sciences
Full name of responsible person
Fateme Arbabi-Kalati
Position
Assistant professor
Other areas of specialty/work
Street address
Oral medicine department, faculty of dentistry, Azadegan street,Zahedan
City
Zahedan
Postal code
9817699693
Phone
+98 54 1241 4001
Fax
Email
farbabi@razi.tums.ac.ir
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