

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Effect of oral curcumin on the size, pain and burning sensation of oral lichen planus lesions

Protocol summary

Summary

The aim of this study was to determine the effect of 80 mg oral curcumin capsule, made by Eksir Nano Sina Company, on treatment of oral lichen planus of patients referred to center of oral and maxillofacial disease of guilan dentistry faculty. this study is accomplished, single blind, uni center, without any randomization and in 3th phase of clinical trial.13 patients with oral lichen planus without any systemic disease will be enrolled in this study. Patients didn't use local corticosteroid from 2 weeks ago and systemic corticosteroid from 1 last month they take a drug and then use oral curcumin for 1 month, once a day after breakfast. Pain, burning sensation and size of the lesions assess before taking drug, and at the end of 1,2,4,8 weeks after treatment. Inclusion criteria are patients with oral lichen planus, who are volunteer and confirmed by histopathological evaluation. exclusion criteria is pregnant women, breast feeding women, patients who take corticosteroid, patients with peptic ulcer, gall-bladder stone, increased hepatic enzyme, and patients who take anti coagulation drugs, like warfarin. Treatment intervention is Consumption 80 mg oral curcumin capsule once a day for 1month. Primary outcome measure is pain and burning sensation of lesions, and secondary outcome measure is size of the lichen planus lesions.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201607032950N4**

Registration date: **2016-10-29, 1395/08/08**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-10-29, 1395/08/08

Registrant information

Name

Sayed Javad Kia

Name of organization / entity

Guilan University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

research vice chancellorship of guilan univesity of medical science

Expected recruitment start date

2016-07-10, 1395/04/20

Expected recruitment end date

2016-09-10, 1395/06/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of oral curcumin on the size, pain and burning sensation of oral lichen planus lesions

Public title

Effect of oral curcumin on the size, pain and burning sensation of oral lichen planus lesions

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients with oral lichen

planus(confirmed by clinical examination, biopsy and histopathological evaluation) exclusion criteria: pregnant woman, breast feeding woman, patients who take corticosteroid, patients with peptic ulcer, gall-bladder stone, increased hepatic enzyme, and patients who take anti coagulation drug, like warfarin.

Age

From **20 years** old to **70 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **13**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

single blind

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

ethics committee of guilan university of medical science

Street address

opposite of sepah bank, western shahid beheshti blv, rasht

City

rasht

Postal code

Approval date

2016-06-14, 1395/03/25

Ethics committee reference number

IR.GUMS.REC.1395.90

Health conditions studied

1

Description of health condition studied

oral lichen planus

ICD-10 code

L43

ICD-10 code description

Lichen planus

Primary outcomes

1

Description

pain and burning sensation

Timepoint

before using drug and 1,2,4,8 after using drug

Method of measurement

use of visual analogue scale(VAS)

Secondary outcomes

1

Description

Size of the lichen planus lesions

Timepoint

Before treatment and 1,2,4,8 week after treatment

Method of measurement

tongprasom scale(0-5)

Intervention groups

1

Description

Consumption 80 mg oral curcumin capsule once a day for 1 month

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

dental school, guilan university of medical science

Full name of responsible person

Dr Seyad Javad Kia

Street address

pardis, imam str, rasht

City

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

vice chancellor for research, guilan university of medical science

Full name of responsible person

Dr Rasool Tabari

Street address

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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, guilan university of medical science

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 school of guilan university of medical science

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Assistant professor

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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